VDOİHİ

Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Bağımlı Durumlu Simetrinin İlk Herhangi İki ve Son Durumunun Bulunabileceği Olaylara Göre Tek Kalan Düzgün Simetrik Olasılık

Cilt 2.3.3.2.7.1.1.85

İsmail YILMAZ

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VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık Cilt 2.3.3.2.7.1.1.85

İsmail YILMAZ

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1. Bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık

Dili: Türkçe + Matematik Mantık

Türkiye Cumhuriyeti Devleti
Kuruluşunun
100.Yılı Anısına

d

Yazar Hakkında

İsmail YILMAZ; Hamzabey Köyü, Yeniçağa, Bolu'da 1973 yılında doğdu. İlkokulu köyünde tamamladıktan sonra, ortaokulu Yeniçağa ortaokulunda tamamladı. Liseyi Ankara Ömer Seyfettin ve Gazi Çiftliği Liselerinde okudu. Lisans eğitimini Çukurova Üniversitesi Fen Edebiyat Fakültesi Fizik bölümünde, yüksek lisans eğitimini Sakarya Üniversitesi Fen Bilimleri Enstitüsü Fizik Anabilim Dalında ve doktora eğitimini Gazi Üniversitesi Eğitim Bilimleri Enstitüsü Fen Bilgisi Eğitimi Anabilim Dalında tamamladı. Fen Bilgisi Eğitiminde; Newton'un hareket yasaları, elektrik ve manyetizmanın prosedürel ve deklaritif bilgi yapılarıyla birlikte matematik mantık yapıları üzerine çalışmalar yapmıştır. Yazarın farklı alanlarda yapmış olduğu çalışmalar arasında ölçme ve değerlendirmeye yönelik çalışmaları da mevcuttur.

VDOİHİ

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- ✓ Makinaların insan gibi düşünebilmesini, karar verebilmesini ve davranabilmesini sağlayacak gerçek yapay zekayla ilişkilendirilmiştir.
- ✓ Dillerin matematik yapısı olduğu gösterilmiştir.
- ✓ Tüm tabanlarda, tüm dağılım türlerinde ve istenildiğinde dağılım türü ve tabanı değiştirerek çalışabilecek elektronik teknolojisinin temelidir.
- ✓ Teorik kabullerle genetikle ilişkilendirilmiştir.
- ✓ Bilgi merkezli değerlendirme yöntemidir.

Sanırım bilgi ve teknolojideki kaderimiz veriyle ilişkilendirilmiş.

f

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GÜLDÜNYA

Simge ve Kısaltmalar

n: olay sayısı

$\boldsymbol{n}$: bağımlı olay sayısı

$\mathbb{m}$: bağımsız olay sayısı

ι: bağımsız durum sayısı

I: simetrinin bağımsız durum sayısı

$\mathbb{l}$: simetrinin bağımlı durumlarından önce bulunan bağımsız durum sayısı

$\boldsymbol{I}$: simetrinin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

$\mathbb{k}$: simetrinin bağımlı durumları arasındaki bağımsız durumların sayısı

k: dağılımın başladığı bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

$\boldsymbol{l}$: ilgilenilen bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlarındaki sırası

${}_{\boldsymbol{i}}\boldsymbol{l}$: simetrinin ilk bağımlı durumunun, bağımlı olasılık farklı dizilimsiz dağılımın son olayı için sırası. Simetrinin sonuncu bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

$\boldsymbol{l_i}$: simetrinin son bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrinin birinci bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

$\boldsymbol{l_s}$: simetrinin ilk bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrinin sonuncu bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

$\boldsymbol{l_{ik}}$: simetrinin aranacağı durumdan önce bulunan bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası veya simetrinin iki bağımlı durumu arasında bağımsız durum bulunduğunda, bağımsız durumdan önceki bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

$\boldsymbol{l_{sa}}$: simetrinin aranacağı bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrinin aranacağı bağımlı olayındaki durumun, bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırası

j: son olaydan/(alt olay) ilk olaya doğru aranılan olayın sırası

j_i: simetrinin son bağımlı durumunun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

j_{sa}^{i}: simetriyi oluşturan bağımlı durumlar arasında simetrinin son bağımlı durumunun bulunduğu olayın, simetrinin son olayından itibaren sırası $\left(j_{sa}^{i} = s\right)$

j_{ik}: simetrinin ikinci olayındaki durumun, gelebileceği olasılık dağılımlarındaki olayın sırası (son olaydan ilk olaya doğru) veya simetride, simetrinin aranacağı durumdan önce bulunan bağımlı durumun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası veya simetrinin iki bağımlı

durum arasında bağımsız durumun bulunduğunda bağımsız durumdan önceki bağımlı durumun bağımlı olasılıklı dağılımlarda bulunabileceği olayların son olaydan itibaren sırası

j_{sa}^{ik}: j_{ik}'da bulunan durumun simetriyi oluşturan bağımlı durumlar arasında bulunduğu olayın son olaydan itibaren sırası

$j_{X_{ik}}$: simetrinin ikinci olayındaki durumun, olasılık dağılımlarının son olaydan itibaren bulunabileceği olayın sırası

j_s: simetrinin ilk bağımlı durumunun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

j_{sa}^{s}: simetriyi oluşturan bağımlı durumlar arasında simetrinin ilk bağımlı durumunun bulunduğu olayın, simetrinin son olayından itibaren sırası ($j_{sa}^{s} = 1$)

j_{sa}: simetriyi oluşturan bağımlı durumlar arasında simetrinin aranacağı durumun bulunduğu olayın, simetrinin son olayından itibaren sırası

j^{sa}: j_{sa}'da bulunan durumun bağımlı olasılıklı dağılımda bulunduğu olayın son olaydan itibaren sırası

D: bağımlı durum sayısı

D_i: olayın durum sayısı

s: simetrinin bağımlı durum sayısı

$\boldsymbol{s}$: simetrik durum sayısı. Simetrinin bağımlı ve bağımsız durum sayısı

m: olasılık

M: olasılık dağılım sayısı

U: uyum eşitliği

u: uyum derecesi

s_i: olasılık dağılımı

${}_{fz}S_{j_i}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

${}_{fz}S_{j_i,0}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

${}_{fz}S_{j_i,D}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

${}_{fz}^{0}S_{j_i}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

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${}_{fz}^{0}S_{j_i,D}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre tek kalan simetrik olasılık

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${}_{fz}S_{j^{sa},D}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin durumuna bağlı tek kalan simetrik olasılık

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durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün olmayan simetrik olasılık

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E2

Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Dağılımlar

- **Simetrik Olasılık**
- **Toplam Düzgün Simetrik Olasılık**
- **Toplam Düzgün Olmayan Simetrik Olasılık**
- **İlk Simetrik Olasılık**
- **İlk Düzgün Simetrik Olasılık**
- **İlk Düzgün Olmayan Simetrik Olasılık**
- **Tek Kalan Simetrik Olasılık**
- **Tek Kalan Düzgün Simetrik Olasılık**
- **Tek Kalan Düzgün Olmayan Simetrik Olasılık**
- **Kalan Simetrik Olasılık**
- **Kalan Düzgün Simetrik Olasılık**
- **Kalan Düzgün Olmayan Simetrik Olasılık**

BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMSİZ DAĞILIMLAR

Bağımlı dağılım ve bir bağımsız olasılıklı durumla oluşturulabilen dağılımlara ve bağımlı olasılıklı dağılımların kendi olay sayılarından (bağımlı olay sayısı) büyük olanlara (bağımsız olay sayısı) dağılımlarla bağımlı ve bir bağımsız olasılıklı dağılımlar denir edilir. Bağımlı dağılım farklı dizilimsiz dağılımda olduğunda, bu dağılımlara bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar denir. Bağımlı ve bir bağımsız olasılıklı dağılımlar; bağımlı dağılımlara, bağımsız durumlar ilk taraftan dağıtılmaya başlanarak tabloları elde edilir. Bu bölümde verilen eşitlikler, bu yöntemle elde edilen kurallı tablolara göre verilmektedir. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralamasıyla elde edilebilen kurallı tablolar kullanılmaktadır. Farklı dizilimsiz dağılımlarda durumların küçükten-büyüğe sıralama için verilen eşitliklerde kullanılan durum sayılarının düzenlenmesiyle, büyükten-küçüğe sıralama durumlarının eşitlikleri elde edilebilir.

Farklı dizilimsiz dağılımlar, dağılımın ilk durumuyla başlayan (bunun yerine farklı dizilimli dağılımlarda simetrinin ilk durumuyla başlayan dağılımlar), dağılımın ilk durumu hariçinde dağılımın herhangi bir durumuyla başlayan dağılımlar (bunun yerine farklı dizilimli dağılımlarda simetride bulunmayan bir durumla başlayan dağılımlar) ve dağılımın ilk durumu sabit olan dağılımının başladığı farklı ikinci durumla başlayıp simetrinin ilk durumuyla başlayan dağılımların sonuna kadar olan dağılımlarda (bunun yerine farklı dizilimli dağılımlarda simetride bulunmayan diğer durumlarla başlayan dağılımlar) simetrik, düzgün simetrik, düzgün olmayan simetrik v.d. incelenir. Bağımlı dağılımlardaki incelenen başlıklar, bağımlı ve bir bağımsız olasılıklı dağılımlarda, bağımsız durumla ve bağımlı durumla başlayan dağılımlar olarak da incelenir.

GÜLDÜNYA

Bağımlı dağılımlar; a) olasılık dağılımlardaki simetrik, (toplam) düzgün simetrik ve (toplam) düzgün olmayan simetrik b) ilk simetrik, ilk düzgün simetrik ve ilk düzgün olmayan simetrik c) tek kalan simetrik, tek kalan düzgün simetrik ve tek kalan düzgün olmayan simetrik ve d) kalan simetrik, kalan düzgün simetrik ve kalan düzgün olmayan simetrik olasılıklar olarak incelendiğinden, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda bu başlıklarla incelenmekle birlikte, bu simetrik olasılıkların bağımsız durumla başlayan ve bağımlı durumlarıyla başlayan dağılımlara göre de tanım[illegible] eşitlikleri verilmektedir.

Farklı dizilimsiz dağılımlarda simetrinin durumlarının olasılık dağılımındaki sıra[illegible] simetrik olasılıkları etkilediğinden, bu bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımları da etkiler. Bu nedenle bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda, simetrinin durumlarının bulunabileceği olaylara göre simetrik olasılık eşitlikleri, simetrinin durumlarının olasılık dağılımındaki sıralamalarına göre ayrı ayrı verilecektir. Bu eşitliklerin elde edilmesinde bağımlı olasılıklı farklı dizilimsiz dağılımlarda simetrinin durumların bulunabileceği olaylara göre çıkarılan eşitlikler kullanılacaktır. Bu eşitlikler, bir bağımlı ve bir bağımsız olasılıklı dağılımlar için VDOİ Cilt 1'de çıkarılan eşitliklerle birleştirilerek, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar için yeni eşitlikleri elde edilecektir. Eşitlikleri adlandırılmasında bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda kullanılan adlandırmalar kullanılacaktır. Bu adların başına simetrinin bağımlı ve bağımsız durumlarına göre ve dağılımın bağımsız veya bağımlı durumla başlamasına göre "Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı/bağımsız-bağımlı/bağımlı-bir bağımsız/bağımlı-bağımsız/bağımsız-bağımsız/bağımlı durumla /bağımsız/bağımlı" kelimeleri getirilerek, simetrinin bağımlı durumlarının bulunabileceği olaylara göre bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz adları verilecektir. Simetriden seçilen durumların bulunabileceği olaylara göre simetrik, düzgün simetrik veya düzgün olmayan simetrik olasılık için birden fazla eşitlik kullanılması durumunda gerekmedikçe yeni tanımlama yapılmayacaktır.

Simetrinin durumlarının bağımlı olasılık farklı dizilimsiz dağılımlarındaki sırasına göre verilen eşitliklerdeki toplam alma sınır değerleri, simetrinin küçükten-büyüğe sıralanan dağılımlarına göre verildiğinden bu dağılımlarda da aynı sıralama kullanılmaya devam edilecektir. Bağımlı olasılıklı farklı dizilimsiz dağılımlarda olduğu gibi bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda da aynı eşitliklerde simetrinin durum sayıları düzenlenerek büyükten küçüğe sıralanan dağılımlar için de simetrik olasılık eşitlikleri elde edilir.

Bu kitapta bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu olan dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılığın eşitlikleri verilmektedir.

GÜLDÜNYA

SİMETRİDEN SEÇİLEN DÖRT DURUMA GÖRE TEK KALAN DÜZGÜN SİMETRİK OLASILIK

$\big((\boldsymbol{l} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - j_{sa}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_{ik}} > D + \boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{n} - 1\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 = \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

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$${}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = 0$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, j_{sa}, \cdots, \Bbbk_3, j$

$s \geq 6 \wedge \boldsymbol{s} = s +$

$\Bbbk$ $z = 2 \wedge$ $= \Bbbk_1 +$ $\vee$

$(D$ $\boldsymbol{n} < n \wedge I =$ $> 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa},$ $\Bbbk_1, j^{ik}_{sa}, \Bbbk_2, j_s$ $\cdots, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ $\Bbbk \wedge$

$\Bbbk_2$ $= \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ $\wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, j_{sa}, \cdots, j^i_{sa}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} \sum_{k=1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{s}+j_{sa}-s)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l}-\boldsymbol{l}+1}$$

$$\sum_{n_i=\boldsymbol{l}_{ik}}^{n} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{(n_i+1)}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}^{(\ )}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ \ j_s-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}\ \ \Bbbk_2)}^{(\ )} \sum_{n_s=\ \ j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i+2\ \ j^{sa}+j^{s}_{sa}\ \ j_s-j_i\ \ \cdot j_{sa}-\Bbbk_1\ \ )!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}+\ \ j^{sa}+j\ \ -j_s-j_i-2\cdot j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}\ \ \boldsymbol{l}-1)!}{(\boldsymbol{l_s}\ \ j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j\ \ \leq j_{ik}-j^{ik}_{sa}+\ \ \wedge j_s+j^{ik}_{sa}-1\ \ j_i\ \ \ \ j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j^{ik}_{sa}\ \ j^{sa} \leq j_i\ \ j_{sa}-s\ \ j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}\ \ {}^{ik}_{sa}+1=\boldsymbol{l_s} \wedge\ \ +j^{ik}_{sa}\ \ {}_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ \ n \wedge I=\Bbbk >\ \ ) \wedge$

$\boldsymbol{s}: \{j^{s}_{s}, \cdots, \Bbbk_1, j_{sa}\ \ {}_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s+\Bbbk \wedge$

$\Bbbk_z: z=3\ \ \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}} + j_{sa} - s = \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+\boldsymbol{n}+s-D-1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$D > \boldsymbol{n} < n$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}}^{(\ )} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ )} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j^{ik}_{sa}+1}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j^{ik}_{sa}+1} \sum_{j_i=\boldsymbol{n}-D}^{\boldsymbol{n}-D}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}^{n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}+j_s-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ <\boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ +j_{sa}-s=\ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ {}_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j^{sa} = j^{sa} + j_s - j_{sa}}^{(\ )} \sum_{(j^{sa} = j_{ik} + j_{sa} - s)} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{j_{ik} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik}}
$$

$$
\sum_{(n_{ik} = n_{ik} + j_{ik} - j_i - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j_s - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk$

$\Bbbk_z: z = \quad \wedge \Bbbk = \Bbbk_1 + \quad) \vee$

$(D \geq \boldsymbol{n} < n \quad = \Bbbk \quad \wedge$

$\boldsymbol{s}: \quad sa, \cdots \quad \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} \quad s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{= j^{sa} + j_{sa}}^{(\ )} \sum_{(j^{sa} = j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_s} - \boldsymbol{l} + s - D - 1}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik}}
$$

$$
\sum_{(n_{ik} = n_{ik} + j_{ik} - \Bbbk_2)} \sum_{n_s = n_{sa}} \sum_{j_i - \Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ _{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z:z=3\wedge\ \ \ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ \ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ \ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ \ \ =\ \ \ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+\boldsymbol{n}+s-D-1}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, \ldots}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{(\ldots_{sa} - \boldsymbol{l} - s + \ldots}$$

$$\sum_{= j^{sa} + j_{s}\ldots_{sa}} \sum_{(j^{sa} = \boldsymbol{l}_{i}\ldots + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\ldots_i - j_s + 1)$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{\ldots_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}} j_i-\mathbb{k}_3
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{sa} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_{ik}} + j_{sa} - \boldsymbol{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}} + j_{sa} - s = \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, \ldots}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(\ldots_{sa} - \boldsymbol{l} + 1)}$$

$$\sum_{\ldots = j^{sa} + j_s \ldots j_{sa}} \sum_{(j^{sa} = \boldsymbol{l}_i \ldots + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{\ldots_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{s}=n_{ik}+j_{ik}-j_{s}-\Bbbk_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - 1 - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(j_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{sa} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$z = 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, \ldots}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$(\boldsymbol{l}_{\ldots} - j_{sa} - \boldsymbol{l} - j_{sa}^{\ldots})$$

$$\sum_{j_{ik} = j^{sa} + \ldots - j_{sa}} \sum_{(j^{sa} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\ldots_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j^{ik}_{sa} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j^{ik}_{sa} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = \boldsymbol{n} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik}}
$$

$$
\sum_{(n_{ik} = n_{ik} + j_{ik} - \Bbbk_2)} \sum_{n_s = n_{sa}} \sum_{j_i - \Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{sa} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk$

$\Bbbk_z: z = \quad \wedge \Bbbk = \Bbbk_1 + \quad) \vee$

$(D \geq \boldsymbol{n} < n \quad = \Bbbk \quad \wedge$

$\boldsymbol{s}: \quad sa, \cdots \quad \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} \quad s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{sa} - \boldsymbol{l})}$$

$$\sum_{j_{sa} + j_{sa}^{ik} - \ldots} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \ldots_{sa} - D - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\ldots}^{n} \sum_{(\ldots_i - j_s + 1)}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{\ldots_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}}^{(\ )} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ {}_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ =\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{= \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}^{D - s} \sum_{(j^{sa} - \Bbbk + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{= \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\;)}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\;)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_{sa}} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}} + j_{sa} - s = \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{\boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1}^{D - s} \sum_{(j^{sa} - j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j^{ik}_{sa}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{\boldsymbol{n}+j_{sa}}^{\boldsymbol{l}_{ik}-\boldsymbol{l}+1} \sum_{D-j_{sa}}^{(\ )} \sum_{(j^{sa} = \boldsymbol{l}_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\boldsymbol{l}_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\;)}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\;)} \sum_{j_i=\boldsymbol{l}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk$

$\Bbbk_z: z = \quad \wedge \Bbbk = \Bbbk_1 + \quad) \vee$

$(D \geq \boldsymbol{n} < n \quad = \Bbbk \quad \wedge$

$\boldsymbol{s}: \quad sa, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} \quad s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l}_s + j_{sa}^{ik} - \boldsymbol{l}}^{\boldsymbol{n} - D} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\;)}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j^{ik}_{sa}-D-1}^{\boldsymbol{l_i}+j^{ik}_{sa}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\;)} \sum_{j_i=\boldsymbol{l}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$z = 7 \wedge \mathbb{k} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$\mathcal{S}^{DSST}_{j_{ik}, j_{ik}, j^{sa}} = \sum_{\boldsymbol{l}=\boldsymbol{l}}^{\boldsymbol{l}-s+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(j_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad, \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$\mathcal{P}^{DSST}_{j_{ik}, j_{ik}, j^{sa}} = \sum_{\boldsymbol{l}=\boldsymbol{l}}^{(\boldsymbol{l}_s - j_{sa}+2)} \sum_{(j_s=\boldsymbol{l}_i+\boldsymbol{n}-D-s+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ j_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$fz^{CST}_{j_{sa}, j^{sa}, j_i} \sum_{n} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}^{(\boldsymbol{l_{ik}} - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}+j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l_i} - \boldsymbol{l} - s + 2)} $$

$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\Bbbk_1-\Bbbk_2)!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\ \ \ \ \wedge$

$\Bbbk_z: z=3 \wedge\ \ =\Bbbk_1+\ \ \ \ +\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ \ \ +\Bbbk \wedge$

$\Bbbk_z\ \ \ \ =\ \ \ \ \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$f_{Z^{SST}_{j_{ik}, j^{sa}, j_i}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l}+1)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - 1}^{(\ )} \sum_{(j^{sa} = \Bbbk + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\boldsymbol{l}_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\boldsymbol{l}_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_i} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ _{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} < \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$S_{j_s, j_{ik}, \ldots, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{= j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} \sum_{k} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{s}+j_{sa}-s)} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{+s-\boldsymbol{l}}$$

$$\sum_{n_i=} \sum_{(n_{is}=\boldsymbol{n}} \sum_{(n_i+1)} \sum_{j_s+1)\ n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{(\ )\ n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(\ - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < \ \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$< \boldsymbol{l} < \ + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j$

$s \geq 6 \wedge \boldsymbol{s} = s +$

$\mathbb{k}$ $z = 2 \wedge$ $= \mathbb{k}_1 +$ $) \vee$

$(D$ $\boldsymbol{n} < n \wedge I$ $> 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},$ $\mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_s$ $\cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ $+ \mathbb{k} \wedge$

$\mathbb{k}$ $\wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} <$ $\wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}$ $, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} \sum_{k} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_i-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + 2 \cdot j_{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(\boldsymbol{n} - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$< \boldsymbol{l} < \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0$ [illegible]

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots,$ [illegible] $\wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z = 2 \wedge$ [illegible] $= \Bbbk_1 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I =$ [illegible] $> 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},$ [illegible] $\Bbbk_1, j_{sa}^{ik}, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $\wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} +}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D}^{(\boldsymbol{l_{ik}} + j_{sa} - \boldsymbol{l} - j_{sa}^{ik} + 1)} \sum_{j^{sa} - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_i - j_s + 1)} \sum_{n_{ik} = j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik}}^{(\ )} \sum_{- j^{sa} - \mathbb{k}_2} \sum_{= n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} \quad {}^{s} - j_s - j_i \quad \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \quad \mathbb{k}_2)! \cdot \quad + 2 \cdot j^{sa} \quad j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$((D \geq \boldsymbol{n} < n \wedge \quad > D - \quad + 1 \wedge$

$2 \leq \quad < D + \boldsymbol{l_s} + s \quad - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j \quad - j_{sa}^{ik} + 1 \wedge \quad s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \quad - j_{sa}^{ik} \leq j \quad \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \quad = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$> \boldsymbol{n} \quad n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} +$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $> \boldsymbol{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} =$ [illegible] $\boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i}$ [illegible] $D + \boldsymbol{l_s} +$ [illegible] $- \boldsymbol{n}$ [illegible] $) \vee$

$(D \geq$ [illegible] $< n \wedge \boldsymbol{l_s} \leq D$ [illegible] $\boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D$ [illegible] $\boldsymbol{l_s} + s - \boldsymbol{n}$ [illegible] $\boldsymbol{l_i} \wedge$

$1 \leq$ [illegible] $j_{ik} - j_{sa}$ [illegible] $1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} -$ [illegible] $\leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

[illegible] $1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$(< n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$ [illegible] $\wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk =$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2,$ [illegible] $\cdots, j_{sa}^{i}$ [illegible]

$s \geq 5$ [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D$ [illegible] $n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

s [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D\ \ )}{(D+j_s-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}-j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$ [illegible] $\wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk =$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2,$ [illegible] $\cdots, j_{sa}^{i}$ [illegible]

$s \geq 5$ [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D$ [illegible] $n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

s [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_i-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{l})!}{(D+j_s-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} + s$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $= \boldsymbol{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $\boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} +$ [illegible] $- \boldsymbol{n}$ [illegible] $1)) \wedge$

$((D \geq$ [illegible] $< n \wedge I = \mathbb{k}$ [illegible] $0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}$ [illegible] $_{sa}^{ik}, \mathbb{k}_2, j$ [illegible] $\cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq$ [illegible] $= s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$($ [illegible] $< n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ \ )!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ \ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n\ \ \boldsymbol{l_s} > D\ \ \boldsymbol{n}+1 \wedge$

$2 \leq \ \ \ \ \ \ +\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j\ \ -j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}\ \ \ \ -j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

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$D > \boldsymbol{n} < n$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_s}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$f_{\boldsymbol{n}\,\boldsymbol{l}\,j_{ik}\,j_{sa}\,\boldsymbol{l}}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$D > \boldsymbol{n} < n$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_s}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s >$ [illegible] $\wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik} \leq$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa} -$ [illegible] $\wedge j^{sa} +$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $> \boldsymbol{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $\boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} +$ [illegible] $- \boldsymbol{n}$ [illegible] $1) \vee$

$(D \geq$ [illegible] $< n \wedge \boldsymbol{l_s} \leq D$ [illegible] $\boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D$ [illegible] $\boldsymbol{l_s} + s - \boldsymbol{n}$ [illegible] $\boldsymbol{l_i} \wedge$

$1 \leq$ [illegible] $j_{ik} - j_{sa}$ [illegible] $1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} -$ [illegible] $\leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

[illegible] $1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\boldsymbol{l}=\boldsymbol{l}}^{(\boldsymbol{l_s}-1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}+1)}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}-1} \sum_{(j_{ik}+j_{sa}-j_{sa}^{ik}+s-j_{sa}} \sum_{(n_i-j_s+}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i - 2 \cdot j^{sa} + j_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{sa}^{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_s \ldots j_{sa}} \sum_{(j^{sa} = \ldots j_{sa} - s)} \sum_{j_i \ldots D - j_{sa}} \sum_{s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} \ldots j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i \ldots 2 \cdot j^{sa} + \ldots - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 \ldots \Bbbk_2 \ldots (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \ldots \boldsymbol{n} < n \wedge \ldots - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D \ldots \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$\ldots j_s \ldots j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)) \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_s=n_{ik}+j_{ik}-j_s-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - \boldsymbol{n} - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)) \wedge$

$(\boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D\ \ )}{(D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}<\boldsymbol{l_{sa}} \leq D+\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_3)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l}-1)!}{(\boldsymbol{l_{ik}}-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{l_{ik}})!}{(D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$$

$$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$$

$$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$$

$$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n}$ [illegible] $- 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} +$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $> \boldsymbol{l_s} \wedge$ [illegible] $j_{sa}^{ik} - j_{sa} >$ [illegible] $\boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} <$ [illegible] $\leq D +$ [illegible] j_{sa} [illegible] $- 1)) \wedge$

$((D \geq$ [illegible] $< n \wedge I = \mathbb{k}$ [illegible] $0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j$ [illegible] $\cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq$ [illegible] $= s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$($ [illegible] $< n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)} $$

$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n}$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\boldsymbol{l_i}}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}<\boldsymbol{l_{ik}}\leq D+\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big)\wedge$

$\big((D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 7\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + s + \boldsymbol{n} - D - j_{sa}^{ik}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\boldsymbol{l_i}}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}<\boldsymbol{l_{ik}}\leq D+\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big)\wedge$

$\big((D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ \ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ -1)!\cdot(\ \ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq \ \ _{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}\ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j\ \ =\boldsymbol{l_{ik}} \wedge \ \ j_{sa}-s=\ \ \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ \ _{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ \mathbb{k} \wedge$

$\mathbb{k}_z: \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l} - s + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l}_{ik} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}\ \ldots}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1\ \ldots}{(\boldsymbol{l_s}-j_s\ \ldots 1)!\cdot(\ldots-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!\ \ldots}{(D+j_i-\ldots-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ldots!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1\ldots$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 \ldots \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$

$(D \ldots \boldsymbol{n} < n \wedge \boldsymbol{l} \neq \ldots \wedge \boldsymbol{l_i} \leq D \ldots - \boldsymbol{n} \wedge$

$1 \leq j_s \leq \ldots - j_{sa}^{ik}+1 \wedge \ldots + j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \ldots j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} \ldots \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - \ldots - 2 \cdot j_{sa} \ldots} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - \ldots}{(\boldsymbol{l_s} - j_s \ldots 1)! \cdot \ldots - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})! \ldots}{(D + j_i - \ldots - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \ldots}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \ldots j_{ik} \leq j^{sa} \ldots {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge \ldots + s - j_{sa} \leq \ldots \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - \ldots = \boldsymbol{l_{ik}} \wedge \ldots j_{sa} - s = \ldots \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \ldots$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k} \ldots {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \ldots$

$\mathbb{k} \ldots z = 3 \wedge \ldots = \mathbb{k}_1 + \ldots + \mathbb{k}_3) \vee$

$(D \ldots \boldsymbol{n} < n \wedge I = \ldots > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \ldots \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \ldots \mathbb{k} \wedge$

$\mathbb{k}_{\ldots} = \ldots \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \ldots \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1}{(\boldsymbol{l_s}-j_s-1)!\cdot(-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l}_s+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ -1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l}\neq\ \ _{\boldsymbol{i}}\boldsymbol{l}\wedge\boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ \ j_{ik}\leq j^{sa}\ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j\ \ =\boldsymbol{l_{ik}}\wedge\ \ j_{sa}-s=\ \ \wedge$

$((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ \ _{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z:z=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ \mathbb{k}\wedge$

$\mathbb{k}_z:\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1}{(\boldsymbol{l_s}-j_s-1)!\cdot(-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$$\Big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l}_s+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} - 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i + \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}} + j_{sa} - s = \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} - j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$ [illegible] $\wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk =$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}$ [illegible] $\Bbbk_3, j_{sa}^{i}$ [illegible]

$s \geq 5$ [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_3)) \wedge$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1}{(\boldsymbol{l_s}-j_s-1)!\cdot(-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = \quad + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \quad) \vee$

$(D \geq \quad < n \wedge I = \Bbbk \quad 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{s} \quad j_{sa}, \cdots, \Bbbk \quad j_{sa}^{i}\} \wedge$

$s \geq \quad = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \quad = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ j_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z:z=3\wedge\ \ \ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ \ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ \ \ +\mathbb{k}\wedge$

$\mathbb{k}_z:\ \ \ \ =\ \ \ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa}}^{(\ )} \sum_{\boldsymbol{l_{sa}} (j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_s - n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j^{ik}_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}} + j_{sa} - s = \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik} = j_{sa}^{ik} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{n}$$

$$\sum_{n_{sa} = \boldsymbol{n} + \Bbbk}^{(j_s + 1)} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}^{(\ )} \sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_s - n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{i}}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ ^{sa}-\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}^{(\ )}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{sa}}}^{(\ )} \sum_{(j^{sa} = j_i + j_{sa} - \boldsymbol{l_i})} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{i_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_s - n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{l}-D-j^{ik}_{sa}}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ \ < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_k} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s} \ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_{sa} + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}$$

$$\sum_{i_{sa} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+\boldsymbol{l}+s-D-1}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} $$

$$ \frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot $$

$$ \frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} $$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik}} \sum_{a + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(\boldsymbol{l_{sa}} - \boldsymbol{l} + \ \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j^{ik}_{sa})}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3) \vee$

$(D > \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ \ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ =\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$(\boldsymbol{l_{ik}} - j_{sa} - \boldsymbol{l} - j_{sa}^{ik}$$

$$\sum_{j_{sa} = j^{sa} + \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_i} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{n_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_{sa} - j_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}}^{(\;)} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{} $$

$$ \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}}^{} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}^{} $$

$$ \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{} $$

$$ \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}^{} $$

$$ \frac{(n_i + 2\cdot j^{sa} + j^s_{sa} - j_s - j_i - 2\cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)!\cdot(\boldsymbol{n} + 2\cdot j^{sa} + j^s_{sa} - j_s - j_i - 2\cdot j_{sa})!}\cdot $$

$$ \frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)!\cdot(j_s - 2)!}\cdot $$

$$ \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})!\cdot(\boldsymbol{n} - j_i)!} $$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik}} \sum_{j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}}^{(\boldsymbol{l_s} + j_{sa}} \sum_{(j_{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j^{ik}_{sa})}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=\ \ {}^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(\ \ =n_{ik}+j_{ik}\ \ {}^{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}\ \ \ \ j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ {}_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ \ < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik} - \ \ {}^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\ \ {}_{ik} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ > 7 \wedge \ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad, \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{(j_{ik} = j^{sa} + \boldsymbol{l_{sa}} - \boldsymbol{l} - s +}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_s} + j_{sa} - D - 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n^{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n^{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + 2\cdot j^{sa} + j^s_{sa} - j_s - j_i - 2\cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2\cdot j^{sa} + j^s_{sa} - j_s - j_i - 2\cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{\boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa} - D - j_{sa}}^{j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)}^{(\ )} \sum_{n_s=\ \ +j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \cdot j_s \leq j_{ik}\ \ j^{ik}_{sa} + 1 \wedge\ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{l} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l} + j_{sa} - s = \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n}}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{\boldsymbol{l_{ik}} - D - s}^{(\ )} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{n_{is} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j^{ik}_{sa}-D-s}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}}^{} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_i} + j_{sa}^{ik} - \boldsymbol{l} - s + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{\boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - \boldsymbol{l}}^{D - j_{sa}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+j^{ik}_{sa}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\mathbb{k}_2)} \sum_{n_s=n_{s}\ \ -j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^{s}_{sa} - j_s\ \ i - 2 \cdot j\ \ - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^{s}_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_k} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s} \ \ s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{=\boldsymbol{l_s}+\boldsymbol{n}}^{+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{-D-1}^{(\ )} \sum_{(j^{sa}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})} \sum_{j_i = j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\Bbbk_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j^{ik}_{sa}-D-1}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}}^{} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{sa}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ <\boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ +j_{sa}-s=\ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ j_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$f_{Z^{SST}}(j_{ik}, j^{sa}, j_i) \sum_{(\boldsymbol{l_{sa}} = j_{sa}+2)} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s+1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j_{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$j_{\boldsymbol{l}_{ik}-j_{sa}^{ik}+2}^{DSST} = \sum_{j_{ik}=\boldsymbol{l}_{ik}-\boldsymbol{l}_s} \sum_{(j_s=\boldsymbol{l}_i+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l}_{ik}-j_{sa}^{ik}+2)} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l}_{sa}-\boldsymbol{l}_{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l}_i-\boldsymbol{l}_{sa}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2\ \ j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge\ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots,\ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ j_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$f_{Z^{SST}}(j_{ik}, j^{sa}, j_i) \sum_{(\boldsymbol{l}+1)} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-\Bbbk_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{l} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l} + j_{sa} - s = \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk$

$\Bbbk_z: z = \quad \wedge \Bbbk = \Bbbk_1 + \quad) \vee$

$(D \geq \boldsymbol{n} < n \quad = \Bbbk \quad \wedge$

$\boldsymbol{s}: \quad sa, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} \quad s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{D, \boldsymbol{n}, \boldsymbol{l}_s, \boldsymbol{l}_{ik}, \boldsymbol{l}_{sa}, \boldsymbol{l}_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l}_i - \boldsymbol{l} - s + 2)} \sum_{(j_s = \boldsymbol{l}_s + \boldsymbol{n} - D)}
$$

$$
\sum_{j_{ik}=\boldsymbol{l}_{ik}-\boldsymbol{l}_s}^{(\ )} \sum_{(j^{sa}=\boldsymbol{l}_{sa}+\boldsymbol{l}_{sa}-\boldsymbol{l}_{ik})} \sum_{j_i=j^{sa}+\boldsymbol{l}_i-\boldsymbol{l}_{sa}}
$$

$$
\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \cdot j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} = j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ \ _i+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_1, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

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$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_i}-\boldsymbol{l_{sa}})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j_{ik} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

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$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l}_{sa}-\boldsymbol{l}_i)}^{(\ )} \sum_{j_i=\boldsymbol{l}_i+\boldsymbol{n}-D}^{\boldsymbol{l}_s+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq\ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+\ \ j_{sa}\leq j_i\leq\ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+\ \ \wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big)\wedge$

$\big((\ \ \geq \ \ <n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

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$\mathbb{k}_z: z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

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$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

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$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

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$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ \ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ \ \ +j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq \ \ \leq j_i+\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-\ \ +1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ \ \ n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j_{ik} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

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$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ \ \ +j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq \ \ \leq j_i+\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-\ \ +1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \ \ \ \ \ \ n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa}=\boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ \ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \ \ \ \ \ \ n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq\ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

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$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j_{ik} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}\ \ \leq D+\ \ +s-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\boldsymbol{l}-2\cdot j_{sa}\ldots}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ldots}{(\boldsymbol{l_s}-j_s\ldots1)!\cdot\ldots-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ldots-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ldots}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq\ldots\leq j^{sa}+j_{sa}^{ik}\ldots j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+\ldots j_{sa}\leq j_i\leq\ldots\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+\ldots-j_{sa}>\boldsymbol{l_{ik}}\ldots\boldsymbol{l_i}+j_{sa}\ldots\boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+\ldots\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}\ldots-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}\ldots j_{sa}^{ik}+1\ldots j_s+j_{sa}^{ik}-1\leq\ldots\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq\ldots\leq j_i+\ldots\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-\ldots+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D+j_{sa}-\boldsymbol{n}\ldots\boldsymbol{l_{sa}}\leq D\ldots\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big)\wedge$

$\big((\ldots\leq\ldots<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\ldots j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq\ldots\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z: z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ \ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_{ik}} + j_{sa} - \boldsymbol{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\boldsymbol{l}-2\cdot j_{sa}\ldots}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ldots}{(\boldsymbol{l_s}-j_s\ldots1)!\cdot\ldots-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ldots-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ldots}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq\ldots\leq j^{sa}+j_{sa}^{ik}\ldots j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+\ldots j_{sa}\leq j_i\leq\ldots\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+\ldots-j_{sa}=\boldsymbol{l_{ik}}\ldots\boldsymbol{l_i}+j_{sa}\ldots\boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+\ldots\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}\ldots-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}\ldots j_{sa}^{ik}+1\ldots j_s+j_{sa}^{ik}-1\leq\ldots\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq\ldots\leq j_i+\ldots\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-\ldots+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D+j_{sa}-\boldsymbol{n}\ldots\boldsymbol{l_{sa}}\leq D\ldots\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big)\wedge$

$\big((\ldots\leq\ldots<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\ldots j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq\ldots\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z: z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\boldsymbol{n}-2\cdot j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D+\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j\ \ )!}$$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

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$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \ \ < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\boldsymbol{l}-2\cdot j_{sa}\ \ldots}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ldots}{(\boldsymbol{l_s}-j_s\ \ldots 1)!\cdot(\ldots-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ldots-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ldots)!}$$

$\big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}>D-\boldsymbol{n}+1\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq \ldots\leq j^{sa}+j_{sa}^{ik}\ldots j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+\ldots j_{sa}\leq j_i\leq \ldots\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+\ldots-j_{sa}>\boldsymbol{l_{ik}}\ldots\boldsymbol{l_i}+j_{sa}\ldots\boldsymbol{l_{sa}})\vee$

$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+\ldots\wedge$

$2\leq \boldsymbol{l}\leq D+\boldsymbol{l_s}\ldots-\boldsymbol{n}-\boldsymbol{l_i}\wedge$

$1\leq j_s\leq j_{ik}\ldots j_{sa}^{ik}+1\ldots j_s+j_{sa}^{ik}-1\leq \ldots\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq \ldots\leq j_i+\ldots\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-\ldots+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\wedge$

$D+j_{sa}-\boldsymbol{n}\ldots\boldsymbol{l_{sa}}\leq D\ldots\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big)\wedge$

$\big((\ldots\leq \ldots<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\ldots j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq \ldots\wedge \boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z: z=3\wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq \boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \ \ \ \ n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq\ \ \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

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$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} > \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}\ \ \boldsymbol{l_{sa}} \leq D\ \ \boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \ \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ \ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+s+\boldsymbol{n}-D-j_{sa}^{ik}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ \ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \ \leq j^{sa}+j_{sa}^{ik}\ \ _{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \ \ \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+\ \ -j_{sa} = \boldsymbol{l_{ik}}\ \ \boldsymbol{l_i}+j_{sa}\ \ \ \ \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+\ \ \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}\ \ -\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ j_{sa}^{ik}+1\ \ j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j\ \ \ \ \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}\ \ \boldsymbol{l_{ik}} \leq D\ \ \boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((\ \ \geq \boldsymbol{n}\ \ n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots\ \ , j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l_s} - \boldsymbol{l} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ j_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z:z=3\wedge\ \ \ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ \ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ \ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ \ \ =\ \ \ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{sa}} + j_{sa} - \boldsymbol{l} - s + 1}$$

$$\sum_{i_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{s+1}^{\boldsymbol{l_{sa}}+j_{sa}-\boldsymbol{l}-s}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{i}}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ ^{sa}-\Bbbk_2)} \sum_{n_s=\ \ j_i-\Bbbk_3}^{(\ )}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \ \ - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s > \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ j_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(\boldsymbol{n} - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_{ik}=j_s+1}^{\boldsymbol{l_{ik}}+j^{ik}_{sa}-\boldsymbol{l}-s}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} j_i-\Bbbk_3
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s>\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ _{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\ )} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{\boldsymbol{l_s} + s - \boldsymbol{l}} \sum_{j_i = s+1}$$

$$\sum_{j_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_{sa} - j_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\ )}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\ }
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s\ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}\ )}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=n_{sa}\ \ j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ < n \wedge \boldsymbol{l_i} \leq \ + s - \boldsymbol{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ ^{ik} + 1 \wedge \ + j^{ik}_{sa} - 1 \ \ \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j\ \ < j_i + j_{sa}\ \ s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\ _{ik} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ > 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - 1)! \cdot (\boldsymbol{l} - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{l} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l} + j_{sa} - s > \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j^{sa} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$${}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l}_s-\boldsymbol{l}_{ik})}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l}_{ik}-\boldsymbol{l}_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l}_i-\boldsymbol{l}_{sa}} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j^{ik}_{sa} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s>\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I\ \ \ \ >0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$+ j_{sa}^{ik} - \boldsymbol{l} - 1)$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j_s = j_{sa} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(j_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j^{ik}_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{sa}\ \ \ j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ \ < n \wedge \boldsymbol{l_i} \leq \ \ + s - \boldsymbol{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \ \ \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\ \ _{\boldsymbol{ik}} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$> 7 \wedge \ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}) \cdot}$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s > \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \quad$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(\boldsymbol{l_s} + j_{sa}^{s})} \sum_{j_{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\;)}
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\;)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \Bbbk_1, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ \ j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k}$

$\mathbb{k}_z: z = 3 \wedge\ \ = \mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D > \boldsymbol{n} < n \wedge I\ \ > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =\ \ +\mathbb{k} \wedge$

$\mathbb{k}\ \ \ \ = \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa} = j^{sa} + j_{sa}^{ik} - j_s} \sum_{(\boldsymbol{l_s} + j_{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{n} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j\ \ +s-j_{sa} \leq j\ \ \ \ \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge\ \ +j_{sa}-s=\ \ \ \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3) \vee$

$(D > \boldsymbol{n} < n \wedge I=\ \ \ \ >0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=\ \ \ \ +\mathbb{k} \wedge$

$\mathbb{k}_z\ \ \ \ =\ \ \ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1}^{j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{n_s = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}+j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} - j_{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s>\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+\ \ \ \ \wedge$

$\mathbb{k}_z:z=3\wedge\ \ \ \ =\mathbb{k}_1+\ \ \ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I\ \ \ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ \ \ \ \mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ \ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ \ \ =\ \ \ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_2,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa}^{ik}+1}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s+1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_s + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}}^{()} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\mathbf{n}+\Bbbk}^{n} \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n^{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n^{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\mathbf{n} + 2 \cdot j^{sa} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = \Bbbk > 0 \wedge$

$\mathbf{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \Bbbk > 0 \wedge$

$\mathbf{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik}+1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}) \cdot}$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s > \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad {}^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \quad \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=\boldsymbol{l}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\;)}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\;)} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_s=n_{ik}+j_{ik}-j_s-\Bbbk_2)} \sum_{n_s=n_{sa}+j_s-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D - s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ {}_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s>\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ {}_{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}\ \ ,\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} - j_{sa}^{ik} + 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ sa-\Bbbk_2)} \sum_{n_s=\ \ j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ j_i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \ \ - \boldsymbol{n} + 1 \wedge$

$1 \ \ j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} - j_{sa} + 2)} \sum_{(j_s = 2)}$$

$$\sum_{j_{ik} = j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}) \cdot}$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1}{(\boldsymbol{l_s} - j_s - 1)! \cdot (\ - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \ - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \ + j_{sa} - s > \ \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D > \boldsymbol{n} < n \wedge I = \ > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \ + \mathbb{k} \wedge$

$\mathbb{k}_z \ = \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \ \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, \ldots, j_i}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{\ldots - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\ldots \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa}=\ldots_k + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(\ldots + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{\ldots_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{l_s} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s > 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

$D\geq\boldsymbol{n}<n\wedge\boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\ \ j_{ik}\leq j^{sa}\ \ \ \ _{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j\ \ +s-j_{sa}\leq j\ \ \ \ \boldsymbol{n}\wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge\boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge\ \ \ \ +j_{sa}-s>\ \ \ \ \wedge$

$\big((D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\ \ \ \ _{sa}^{i}\}\wedge$

$s\geq 7\wedge\boldsymbol{s}=s+$

$\mathbb{k}_z:z=3\wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I\ \ >0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\ \ \ \ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=\ \ +\mathbb{k}\wedge$

$\mathbb{k}_z\ \ =\ \ \wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<\ \ \wedge I=\mathbb{k}>0\wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\}\wedge$

$s\geq 6\wedge\boldsymbol{s}=s+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_3)\vee$

$(D\geq\boldsymbol{n}<n\wedge I=\mathbb{k}>0\wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$fz^{SST}_{j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{ik}=n_{ik}+j_{ik}^{sa}-\Bbbk_2)} \sum_{n_s=} \sum_{j_i-\Bbbk_3}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq$ [illegible] $+ s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}$ [illegible] $j^{ik}_{sa} + 1 \wedge$ [illegible] $+ j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

j_{ik} [illegible] $j_{sa} - j^{ik}_{sa} \leq j$ [illegible] $\leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}$ [illegible] $1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}$ [illegible] $j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n$ [illegible] $- \Bbbk$ [illegible] $0 \wedge$

$\boldsymbol{s}$: [illegible] $j_{sa}, \cdots$ [illegible] $j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}$ [illegible] $s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j^s_{sa} - j_s - j_i - 2 \cdot j_{sa}}\cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} -}{(\boldsymbol{l_s} - j_s \quad 1)! \cdot \quad - 2)!}\cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \quad - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - \quad !}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \quad j_{ik} \leq j^{sa} \quad {}^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j \quad + s - j_{sa} \leq j \quad \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \quad + j_{sa} - s = \quad \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \quad j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdot \quad \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \quad , \mathbb{k}_1, j^{ik}_{sa}, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$f_{Z^{SST}_{j_{ik}, j^{sa}, j_i}} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_s=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_{sa} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa} - \Bbbk_1 - \Bbbk_2)!}{(n_{sa} - j_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2)! \cdot (\boldsymbol{n} + 2 \cdot j^{sa} + j_{sa}^{s} - j_s - j_i - 2 \cdot j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\ \ +s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(\ \ =n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{s}\ \ \ \ j_i-\Bbbk_3}
$$

$$
\frac{(n_i + 2 \cdot j^{sa} + j^s_{sa} - j_s\ \ \ i - 2 \cdot j\ \ - \Bbbk_1 - \Bbbk_2)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \ \ )! \cdot (\boldsymbol{n} + 2 \cdot j\ \ + j^s_{sa} - \ \ - j_i - 2 \cdot j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ \ < n \wedge \boldsymbol{l_i} \leq \ \ + s - \boldsymbol{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_k} - j^{ik}_{sa} \ \ 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s} \ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}-j_s-\ \ -2\cdot j_{sa}\ \ )!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-\ \ )!}{(\boldsymbol{l_s}-j_s\ \ \ \ 1)!\cdot(\ \ -2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\ \ -\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\ \ )!}$$

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$\mathbb{k}\big((\boldsymbol{l} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_{sa}} + s - \boldsymbol{n} - j_{sa}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\boldsymbol{l_{ik}} > D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} > D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$${}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = 0$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{s}\ldots+j_{sa}-s)\ j_i=\boldsymbol{l_i}+\ldots D}^{\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\ldots\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots j_s+1)\ n_{ik}=\ldots j_{ik}-\mathbb{k}_1}^{j_s+1)}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots{}^{a}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i+j\ldots-j_i-\mathbb{k}\ldots-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}\ldots\mathbb{k}_1-\mathbb{k}_2\ldots\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D\ldots\boldsymbol{n}+1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik}+1 \wedge \ldots_s + j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+\ldots-j_{sa}^{ik}\ldots j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+\ldots=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\mathbb{k}_z: z$ [illegible] $1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \mathbb{k} >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \mathbb{k} \wedge$

$\mathbb{k}_z$ [illegible] $1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}-1)!}{(j_i-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} $$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_s + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i\ldots-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}\ldots}^{\boldsymbol{l_{sa}}+s-\ldots j_{sa}+1}
$$

$$
\sum_{n_i=\ldots\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots j_s+1)} \sum_{n_{ik}=\ldots j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j\ldots - j_i - \mathbb{k}\ldots - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n}\ldots \mathbb{k}_1 - \mathbb{k}_2 \ldots \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D\ldots \boldsymbol{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} \ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_i-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{n}-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 < j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+j_{sa}-j_{sa}-j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} - j_{sa}}^{(\ )} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D}^{\ldots_{ik}+s-\boldsymbol{l}-\ldots_{ik}+1}
$$

$$
\sum_{n_i=\ldots}^{n} \sum_{(n_{is}=\boldsymbol{n}+\ldots_i+1)} \sum_{n_{ik}=n_{is}\ldots_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-\ldots_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i+j\ldots j_i-\ldots-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}\ldots\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D\ldots\boldsymbol{n}+1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik}+1 \wedge \ldots_s + j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+\ldots-j_{sa}^{ik}\ldots = j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+\ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}-1)!}{(j_i-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_i}-\boldsymbol{l}+1} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

$$ \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} $$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} - j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}\ldots)}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D\ldots}^{\boldsymbol{l_s}+s\ldots}
$$

$$
\sum_{n_i=\ldots\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots j_s+1)} \sum_{n_{ik}=\ldots j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i+j\ldots-j_i-\mathbb{k}\ldots-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}\ldots\mathbb{k}_1-\mathbb{k}_2\ldots\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D\ldots\boldsymbol{n}+1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik}+1 \wedge \ldots_s + j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+\ldots-j_{sa}^{ik}\ldots j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}\ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+\boldsymbol{n}+s-D-1}^{\boldsymbol{l_i}-\boldsymbol{l}+1}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}-\boldsymbol{l}-1)!}{(\boldsymbol{l_i}-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{n}-1)!}{(D+j_s-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_s}+\boldsymbol{n}+s-D-1}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+\ldots D-s)} \sum_{j_i=j^{sa}+\ldots}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-\ldots)}
$$

$$
\sum_{n_i=\ldots\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}\ldots j_s+1)} \sum_{n_{ik}=\ldots j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j\ldots - j_i - \mathbb{k}\ldots - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n}\ldots \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D\ldots \boldsymbol{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n}\ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\mathbb{k}_z: z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \mathbb{k} >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \mathbb{k} \wedge$

$\mathbb{k}_z$ [illegible] $1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{l_s}-\boldsymbol{n}-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j_{sa}+j_{sa}^{ik}-j_s \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \ldots - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{s + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l}_s-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l}_i+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l}_{sa}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}-\boldsymbol{l}_s+j_s+1)} \sum_{n_{ik}=\mathbb{k}_1-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq \boldsymbol{l}_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} - j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + j_{sa} = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{n})!}{(D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 < j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa}-j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk$ [illegible] $: z = 1 \wedge$ [illegible] $= \Bbbk_3)$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(j_i+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}\ldots D)} \sum_{j_i=j^{sa}+s\ldots}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}\ldots+1)}
$$

$$
\sum_{n_i=\ldots}^{n} \sum_{(n_{is}=\boldsymbol{n}+\ldots+1)} \sum_{n_{ik}=n_{is}\ldots j_{ik}-\Bbbk_1}^{(\ )}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots-\Bbbk_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{n_i + j^{\ldots} - j_i - \ldots - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n}\ldots \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D \ldots \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$(D > \ldots n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l}_s-\boldsymbol{l}-1)!}{(j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+j_s-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j_{sa}+j_{sa}^{ik}-j_s \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(j_{sa} - \boldsymbol{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\ldots-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}\ldots-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\ldots}$$

$$\sum_{n_i=\ldots} \sum_{(n_{is}=\boldsymbol{n}\ldots j_s+1)}^{n} \sum_{n_{ik}=\ldots j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}\ldots-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j\ldots - j_i - \mathbb{k}\ldots - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n}\ldots \mathbb{k}_1 - \mathbb{k}_2 \ldots \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} > D \ldots \boldsymbol{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + \ldots = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} \ldots n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_i}-\boldsymbol{l}-1)!}{(j_i-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \geq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

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$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\}$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \boldsymbol{l} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{(j_{sa} - \boldsymbol{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk$ [illegible] $^{ik}_{sa}, \Bbbk_2, j_s$ [illegible] $\cdots, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z =$ [illegible] $\wedge \Bbbk = \Bbbk_1 +$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} < n$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $\Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{+j_{sa}-j_{sa}}^{(\ )} \sum_{=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{(n_i+1)} \sum_{(n_i=\boldsymbol{n}+\Bbbk-j_s+}^{(\ )} \sum_{ik=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_s=n_{sa}+j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i-j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)! \cdot (\boldsymbol{n}+j^{sa}-j_i-j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)! \cdot (j_s-2)!} \cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})! \cdot (\boldsymbol{n}-j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$j_{ik} - j_{sa}^{ik} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk > 0 \wedge$

$\boldsymbol{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+}^{} {}_{-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i+j^{sa}-\ \ \mathbb{k}_2-\mathbb{k}\ \ -j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}\ \ -\mathbb{k}_2-\ \ )!\cdot(\boldsymbol{n}\ \ -j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l}\ \ -j_s-\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D\ \ j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}\ \ 1 \wedge$

$2 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}\ \ 1 \leq j_{ik} \leq\ \ ^{a}+j^{ik}_{sa}-j_{sa} \wedge$

$j_{ik}+\ \ -j^{ik}_{a} \leq j^{\ \ }\ \ j_i+j_{sa}-s \wedge\ \ ^{a}\ \ -j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j^{ik}_{sa}+1 =\ \ \wedge \boldsymbol{l_{sa}}+\ \ ^{ik}-j_{sa}\ \ \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D\ \ \boldsymbol{n} < n \wedge I =\ \ > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa},\cdots,\ \ j^{ik}_{sa},\mathbb{k}_2,j_{s}\ \ \cdots,\mathbb{k}_3,j^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+$

$\mathbb{k}_z: z=3\ \ =\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n}\ \ \ \ \ t \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa},\cdots,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-[illegible])!}$$

$$\frac{(D-\boldsymbol{l}[illegible]}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})![illegible](\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+$ [illegible] $-s=$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{s}$ [illegible] $\Bbbk_2,j_{sa},$ [illegible] $\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk=\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I=\Bbbk>$ [illegible] $\wedge$

$\boldsymbol{s}:\{$ [illegible] $\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=$ [illegible] $+\Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSSI} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l}_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + \ldots - D - s}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{s} \ldots + j_{sa} - j_{sa})} \sum_{\ldots s - j_{sa}}$$

$$\sum_{\ldots = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_i - j_s + 1)} \sum_{(n_{is} = \boldsymbol{n} + \ldots j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + \ldots j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(\ldots \boldsymbol{n} \ldots \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} \ldots \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{\ldots} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\ldots + j_{\ldots} \ldots {}_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-}^{} \sum_{-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i + j^{sa} - \quad \mathbb{k}_2 - \quad - j_{sa})!}{(n_i - \quad - \mathbb{k} - \mathbb{k}_2 - \quad)! \cdot (\quad {}^{sa} \quad - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s \quad + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} \quad 1 \leq j_{ik} \leq \quad {}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \quad - j_{sa}^{ik} \leq j \quad < j_i + j_{sa} - s \wedge \quad {}^{sa} \quad - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 \quad \wedge \boldsymbol{l_{sa}} \quad {}^{ik} - j_{sa} \quad \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \quad \boldsymbol{n} < n \wedge I = \quad > 0 \wedge$

$\quad \{j_{sa}^{s}, \cdots, \quad j_{sa}^{ik}, \mathbb{k}_2, j_{sa} \quad \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \quad \boldsymbol{s} = s \quad$

$\mathbb{k}_z : z = 3 \quad = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - [illegible])!}$$

$$\frac{(D - \boldsymbol{l}[illegible]}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_s$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $\Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk = \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $\Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSSI} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l}_i + j_{sa}^{ik} - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_{[illegible]} j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{\boldsymbol{l}_{ik}-\boldsymbol{l}+1} \sum_{(j_s=j_{ik}-\boldsymbol{l}+1)}^{(\ )} \sum_{j_{ik}=\boldsymbol{l}_{sa}+\boldsymbol{n}+j_{sa}-D} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}-s)}^{(\ )} \sum_{j_{is}=j_s+1}^{(n_i-j_s+1)} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(\boldsymbol{n} - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s = \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_i + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $\wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}$ [illegible] $, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j^{ik}_{sa}-D-j_{sa}}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+}^{} \sum_{-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i + j^{sa} - \quad \mathbb{k}_2 - \mathbb{k} \quad - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k} \quad - \mathbb{k}_2 - \quad)! \cdot (\boldsymbol{n} \quad - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{\boldsymbol{l} - j_s - \quad + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} \quad 1 \leq j_{ik} \leq \quad a + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + \quad - j^{ik}_{sa} \leq j \quad j_i + j_{sa} - s \wedge \quad a \quad - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \quad \wedge \boldsymbol{l_{sa}} + \quad ik - j_{sa} \quad \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \quad \boldsymbol{n} < n \wedge I = \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa} \quad \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \quad \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \quad = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$D \geq \boldsymbol{n} \quad t \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big)$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\boldsymbol{l_i}}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+$ [illegible] $-s=$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,$ [illegible] $\Bbbk_2,j_{sa},$ [illegible] $\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk=\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I=\Bbbk>$ [illegible] $\wedge$

$\boldsymbol{s}:\{$ [illegible] $\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=$ [illegible] $+\Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSSI}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + \boldsymbol{n} - \boldsymbol{l} - j_{sa} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j_{ik} = \ldots + \boldsymbol{n} - D}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{s} \ldots + j_{sa} - j_{sa})}^{(\ )} \sum_{\ldots s - j_{sa}}$$

$$\sum_{\ldots i = \boldsymbol{n} + \mathbb{k}}^{n} \sum_{(n_{is} = \boldsymbol{n} + \ldots j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + \ldots^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(\ldots \boldsymbol{n} \ldots \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \ldots < n \wedge \boldsymbol{l_s} \ldots \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{\ldots} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\ldots + j_{\ldots} \ldots {}_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j^{ik}_{sa}-D-1}^{\boldsymbol{l_i}+j^{ik}_{sa}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+}^{} \sum_{-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i + j^{sa} - j \quad \mathbb{k}_2 - \mathbb{k} \quad - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k} \quad - \mathbb{k}_2 - \quad)! \cdot (\boldsymbol{n} \quad - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{\boldsymbol{l} - j_s - \quad + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} \quad 1 \leq j_{ik} \leq \quad a + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + \quad - j^{ik}_{sa} \leq j \quad j_i + j_{sa} - s \wedge \quad a \quad - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \quad \wedge \boldsymbol{l_{sa}} + \quad ik - j_{sa} \quad \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \quad \boldsymbol{n} < n \wedge I = \quad > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \quad \boldsymbol{s} = s +$

$\mathbb{k}_z: z = 3 \quad = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D > \boldsymbol{n} \quad t \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - [illegible])!}$$

$$\frac{(D - \boldsymbol{l}[illegible]}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{s}$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $\Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk = \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $\Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSSI}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l}\ \ +1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_{[illegible]}, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_{[illegible]} + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, [illegible] j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + [illegible]) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible] j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\boldsymbol{l}_{ik}=\boldsymbol{l}}^{(\boldsymbol{l}_i - \boldsymbol{l}_{sa}+2)} \sum_{(j_s=\boldsymbol{l}_i+\boldsymbol{n}-\boldsymbol{l}_{sa}+1)}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}-1}^{(\ )} \sum_{(j_{ik}+j_{sa}-j_{sa}^{ik}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)}^{(n_i-j_s+} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(\boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_{sa} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $\wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j^{sa}-\ \ -\mathbb{k}_2-\ \ -j_{sa})!}{(n_i-\ \ -\mathbb{k}_1-\mathbb{k}_2-\ \ )!\cdot(\ \ -j_{sa}-j_i-j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D-\ \ j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}\ \ 1 \wedge$

$2 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j_{s}\ \ -1 \leq j_{ik} \leq\ \ ^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j_{ik}+\ \ -j^{ik}_{sa} \leq j\ \ \leq j_i+j_{sa}-s \wedge\ \ ^{sa}+\ \ -j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}\ \ -j^{ik}_{sa}+1\ \ \boldsymbol{l} \wedge \boldsymbol{l_{sa}}\ \ ^{ik}_{a}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((D\ \ \boldsymbol{n} < n \wedge I=\ \ > 0 \wedge$

$\boldsymbol{s}:\{j^s_{sa},\cdots,\ \ ,j^{ik}_{sa},\mathbb{k}_2,j_{s}\ \ \cdots,\mathbb{k}_3,j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s\ \ \ \ \wedge$

$\mathbb{k}_z: z=3\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\ \ \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j^s_{sa},\cdots,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-[illegible])!}$$

$$\frac{(D-\boldsymbol{l}[illegible]}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})![illegible](\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+$ [illegible] $-s=$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{s}$ [illegible] $\Bbbk_2,j_{sa},$ [illegible] $\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk=\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I=\Bbbk>$ [illegible] $\wedge$

$\boldsymbol{s}:\{$ [illegible] $\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=$ [illegible] $+\Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = \Bbbk > 0 \wedge$

$\mathbf{s} : \{ j_{sa}^s, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i \} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-\mathbf{l}-s+1)}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=\mathbf{n}+\Bbbk}^{n} \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3} $$

$$ \frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\mathbf{n} + j^{sa} - j_i - j_{sa})!} \cdot $$

$$ \frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} $$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} = D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = \Bbbk > 0 \wedge$

$\mathbf{s} : \{ j_{sa}^s, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^i \} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $\wedge I = \Bbbk > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i + j^{sa} - \quad \mathbb{k}_2 - \quad - j_{sa})!}{(n_i - \quad - \mathbb{k} - \mathbb{k}_2 - \quad)! \cdot (\boldsymbol{n} \quad {}^{sa} \quad - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s \quad + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n}$ 1 $\wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq$ $^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} +$ $- j^{ik}_{sa} \leq j$ $< j_i + j_{sa} - s \wedge$ ^{sa} $- j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 \leq$ $\wedge \boldsymbol{l_{sa}}$ $^{ik}_{sa} - j_{sa} \leq \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D$ $\boldsymbol{n} < n \wedge I =$ $> 0 \wedge$

$\boldsymbol{s}$: $\{j^s_{sa}, \cdots,$ $j^{ik}_{sa}, \mathbb{k}_2, j_{sa}$ $\cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7$ $\boldsymbol{s} = s$ $+$

$\mathbb{k}_z$: $z = 3$ $\mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n}$ $\wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}$: $\{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z$: $z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - [illegible])!}$$

$$\frac{(D - \boldsymbol{l}[illegible]}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{s}$ [illegible] $\Bbbk_2, j_{sa},$ [illegible] $\Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk = \Bbbk_2 +$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $\Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_{[illegible]}, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_{[illegible]} + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, [illegible] j_{sa}, \cdots, [illegible]\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + [illegible]) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible] j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\boldsymbol{l}=1}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa} + 2)} \sum_{j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - 1}^{(\ )} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{(\ )} \sum_{j_i = j_s - j_{sa}}^{(n_i - j_s + 1)}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1}^{(\ )} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}^{(\ )}
$$

$$
\sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}^{(\ )}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(\boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} = \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_i + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \Bbbk_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $\wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j^{sa}-\quad-\mathbb{k}_2-\quad-j_{sa})!}{(n_i-\quad-\mathbb{k}_1-\mathbb{k}_2-\quad)!\cdot(\quad j_i-j_{sa})!}\cdot
$$

$$
\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s\quad+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\boldsymbol{l_i})!}{(D\quad j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}\quad 1 \wedge$

$2 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j_{s}\quad 1 \leq j_{ik} \leq \quad{}^{sa}+j^{ik}_{sa}-j_{sa} \wedge$

$j_{ik}+\quad-j^{ik}_{sa} \leq j\quad \leq j_i+j_{sa}-s \wedge \quad{}^{sa}+\quad-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}\quad-j^{ik}_{sa}+1\quad \boldsymbol{l} \wedge \boldsymbol{l_{sa}}\quad{}^{ik}_{sa}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$((\boldsymbol{n} < n \wedge I = \quad > 0 \wedge$

$\quad\{j^s_{sa},\cdots\quad,j^{ik}_{sa},\mathbb{k}_2,j_{s}\quad\cdots,\mathbb{k}_3,j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s\quad$

$\mathbb{k}_z: z=3\quad\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} <\quad \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j^s_{sa},\cdots,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\boldsymbol{l_i}}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+$ [illegible] $-s=$ [illegible] $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,$ [illegible] $\Bbbk_2,j_{sa},$ [illegible] $\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+$ [illegible]

$\Bbbk_z: z$ [illegible] $2 \wedge \Bbbk=\Bbbk_2+$ [illegible] $\vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I=\Bbbk>$ [illegible] $\wedge$

$\boldsymbol{s}:\{$ [illegible] $\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=$ [illegible] $+\Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

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$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{(\boldsymbol{l_s}-\boldsymbol{l})} \sum_{(j_s+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1}^{(\ )} \sum_{(j_{ik}+j_{sa}-j_{sa}}^{} \sum_{s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + {}^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(\ - \boldsymbol{n} \ \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \ \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$+ j_{sa} \ {}^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{a_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i + j^{sa} - \quad - \mathbb{k}_2 - \quad - j_{sa})!}{(n_i - \quad - \mathbb{k}_1 - \mathbb{k}_2 - \quad)! \cdot (\quad {}^{isa} \quad {}_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s \quad \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} \quad 1 \leq j_{ik} \leq \quad {}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \quad - j_{sa}^{ik} \leq j \quad \leq j_i + j_{sa} - s \wedge \quad {}^{sa} + \quad - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l} \quad - j_{sa}^{ik} + 1 \quad \boldsymbol{l} \wedge \boldsymbol{l_{sa}} \quad {}^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \quad \boldsymbol{n} < n \wedge I = \quad > 0 \wedge$

$\quad \{j_{sa}^{s}, \cdots \quad , j_{sa}^{ik}, \mathbb{k}_2, j_{sa} \quad \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s \quad$

$\mathbb{k}_z : z = 3 \quad \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3))$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s -}$$

$$\frac{(D - \boldsymbol{l}}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ $- s =$ $\wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 +$ $) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ $\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j$ $\Bbbk_2, j_{sa},$ $\Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$

$\Bbbk_z: z$ $2 \wedge \Bbbk = \Bbbk_2 +$ $) \vee$

$(D \geq \boldsymbol{n} <$ $I = \Bbbk >$ $\wedge$

$\boldsymbol{s}: \{$ $\Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ $+ \Bbbk \wedge$

$\Bbbk_z$ $\wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k}$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSSI}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

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$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}$ [illegible] j_{sa}^{ik}, j_{sa}, [illegible] $\mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s +$ [illegible]

$\mathbb{k}_z: z =$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_1 +$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} < n$ [illegible] $I = \mathbb{k} >$ [illegible] $\wedge$

$\boldsymbol{s}: \{$ [illegible] $\mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} =$ [illegible] $+ \mathbb{k} \wedge$

$\mathbb{k}_z$ [illegible] $2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j_s = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3)$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=[illegible]-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{s[illegible]}+j_{sa}-s)} \sum_{j_i=\boldsymbol{l_i}+[illegible]-s-\boldsymbol{l}}
$$

$$
\sum_{n_i=[illegible]\mathbb{k}} \sum_{(n_{is}=\boldsymbol{n}[illegible]j_s+1)} \sum_{n_{ik}=[illegible]j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}[illegible]^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{([illegible]n_i + j[illegible] - j_i - \mathbb{k}[illegible] - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n}[illegible]\mathbb{k}_1 - \mathbb{k}_2 [illegible]\mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$((D[illegible]\boldsymbol{n} < n \wedge \boldsymbol{l_s} > [illegible] - \boldsymbol{n} + [illegible]$

$2 \leq \boldsymbol{l} \leq [illegible] \boldsymbol{l_s} + s - \boldsymbol{n}[illegible] \boldsymbol{l_i} \wedge$

$2 \leq j[illegible] \leq j_{ik} - j_{s[illegible]} \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - [illegible]^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$[illegible] - j^{ik}[illegible]1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \quad j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = \quad + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \quad + \mathbb{k}_2) \vee$

$(D \geq \quad < n \wedge I = \mathbb{k} > \quad \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1 \quad {}^{ik}, j_{sa}, \quad {}_{sa}^{i}\} \wedge$

$s \geq \quad \wedge \quad = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \quad = \mathbb{k}_1) \vee$

$(D \geq \quad < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=[illegible]-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+[illegible]D-s)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+[illegible]}$$

$$\sum_{n_i=[illegible]\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}[illegible]j_s+1)} \sum_{n_{ik}=[illegible]j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}[illegible]^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{([illegible]n_i + j[illegible] - j_i - \mathbb{k}[illegible] - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n}[illegible]\mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D[illegible]\boldsymbol{n} < n \wedge \boldsymbol{l_s} > [illegible] - \boldsymbol{n} + [illegible] \wedge$

$2 \leq \boldsymbol{l} \leq [illegible] \boldsymbol{l_s} + s - \boldsymbol{n}[illegible] \boldsymbol{l_i} \wedge$

$2 \leq j[illegible] \leq j_{ik} - j_{s}[illegible] \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - [illegible]^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$[illegible] - j^{ik}[illegible]1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+}\ -j_{ik}-\mathbb{k}_1
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(\ )} \sum_{=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i + j^{sa} - j \quad \mathbb{k}_2 - \mathbb{k} \quad - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k} \quad - \mathbb{k}_2 - \quad)! \cdot (\boldsymbol{n} \quad - j_{sa})!} \cdot
$$

$$
\frac{\quad \boldsymbol{l_s} - \boldsymbol{l} - 1)!}{\quad \boldsymbol{l_s} - j_s - \quad + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D \quad j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} \quad 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j \quad \leq j_{ik} - j^{ik}_{sa} + \quad \wedge j_s + j^{ik}_{sa} - 1 \quad \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \quad {}^{sa} \leq j_i \quad {}_{sa} - s \quad {}^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} \quad {}^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \quad + j^{ik}_{sa} \quad {}_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < \quad \wedge \boldsymbol{l_s} > D - \quad + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} \quad \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j \quad - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$\quad + j_{sa} \quad {}^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s >$ [illegible] $\wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} + s$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s$ [illegible] $1 >$ [illegible] $\boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i}$ [illegible] $D + \boldsymbol{l_s}$ [illegible] $- \boldsymbol{n}$ [illegible]$)) \wedge$

$((D \geq$ [illegible] $< n \wedge I = \mathbb{k}$ [illegible] $0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j$ [illegible] $\cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq$ [illegible] $= s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$($ [illegible] $< n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\boldsymbol{l_i}}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq n$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_i} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_i} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}<\boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n}$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_2, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

$$ \sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l_i}[illegible]}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} \leq \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} < \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, [illegible], \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = [illegible] + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(D \geq [illegible] < n \wedge I = \mathbb{k} > [illegible] \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, [illegible] \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge [illegible] = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge [illegible] = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$([illegible] < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$f_{\ldots j_{ik}, j_{sa}^{ik}, j_{sa}^{i}, \ldots}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{\ldots=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$D > \boldsymbol{n} < n$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - 1)) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\boldsymbol{l}=\boldsymbol{l}}^{(\boldsymbol{l_s}-1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}-1} \sum_{(j_{ik}+j_{sa}-j_{sa}^{ik}+s-j_{sa}} \sum$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}-j_s+1)}^{(n_i-j_s+} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(\boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^i\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^i\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^s, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^i\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s} : \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_s \ldots j_{sa}} \sum_{(j^{sa} = \ldots j_{sa} - s)} \sum_{j_i \ldots + s - \boldsymbol{l} - j_{sa}^{ik} + 1} \sum_{\ldots D - j_{sa}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} \ldots j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + \ldots j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(\ldots \boldsymbol{n} \ldots \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$((D \ldots \boldsymbol{n} < n \wedge \ldots - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D \ldots \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$\ldots j_s \ldots k - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)) \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

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$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_s=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa})! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

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$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

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$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)) \wedge$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\boldsymbol{l_s}-1)!}{(D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i}$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_{ik}+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}<\boldsymbol{l_{sa}} \leq D+\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$ [illegible] $\wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk =$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2,$ [illegible] $\cdots, j_{sa}^{i}$ [illegible]

$s \geq 5$ [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D$ [illegible] $n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

s [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-j_s)!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_{ik}}-\boldsymbol{l}-1)!}{(\boldsymbol{l_{ik}}-\boldsymbol{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D\ldots)}{(D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$$

$$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$$

$$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$$

$$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$$

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$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ [illegible]

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa}$ [illegible] $\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} +$ [illegible] $- s =$ [illegible] $\wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n}$ [illegible] $- 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s$ [illegible] $- 1 \leq j_{ik}$ [illegible] $^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $^{sa} \leq j_i + j_{sa}$ [illegible] $\wedge j^{sa} +$ [illegible] $j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $> \boldsymbol{l_s} \wedge$ [illegible] $+ j_{sa}^{ik} - j_{sa} >$ [illegible] $\boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} <$ [illegible] $\leq D +$ [illegible] j_{sa} [illegible] $- 1)) \wedge$

$((D \geq$ [illegible] $< n \wedge I = \mathbb{k}$ [illegible] $0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots,$ [illegible] $_{sa}^{ik}, \mathbb{k}_2, j$ [illegible] $\cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq$ [illegible] $= s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$($ [illegible] $< n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa} - \boldsymbol{n} < \boldsymbol{l_{sa}} \leq D + \boldsymbol{l_s} + j_{sa} - \boldsymbol{n} - 1)$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_2, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - [illegible])!}$$

$$\frac{(D - \boldsymbol{l}[illegible]}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa}^{ik} - \boldsymbol{n} < \boldsymbol{l_{ik}} \leq D + \boldsymbol{l_s} - j_{sa}^{ik} - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + s + \boldsymbol{n} - D - j_{sa}^{ik}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l_i}}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$D + j_{sa}^{ik} - \boldsymbol{n} < \boldsymbol{l_{ik}} \leq D + \boldsymbol{l_s} - j_{sa}^{ik} - \boldsymbol{n} - 1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l_s} - \boldsymbol{l} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_{sa}+s-j_{sa} \leq j_i+\boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l}_{sa} + j_{sa} - \boldsymbol{l} - s + 1}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l}_{ik} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_{sa}+s-j_{sa} \leq j_i+\boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l}_i+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \vee$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 \leq \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$$

$$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_{sa}+s-j_{sa} \leq j_i+\boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$ [illegible] $\wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk =$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} <$ [illegible] $I = \Bbbk >$ [illegible] $\wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}$ [illegible] $\Bbbk_3, j_{sa}^{i}$ [illegible]

$s \geq 5$ [illegible] $= s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_3)) \wedge$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l}_s+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_{sa}+s-j_{sa} \leq j_i+\boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s=\boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k}$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big)$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} - j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\Big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}})\Big) \wedge$

$\Big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \wedge$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$$\Big((D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_s}\leq D-\boldsymbol{n}+1\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}>\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq \boldsymbol{n}\wedge$$

$$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1>\boldsymbol{l_s}\wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}}\wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}})\vee$$

$$(D\geq \boldsymbol{n}<n\wedge \boldsymbol{l}\neq {}_{\boldsymbol{i}}\boldsymbol{l}\wedge \boldsymbol{l_i}\leq D+s-\boldsymbol{n}\wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l} \neq {}_{\boldsymbol{i}}\boldsymbol{l} \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_i} - s + 1 > \boldsymbol{l_s} \wedge$

$\boldsymbol{l_i} \leq D + s - \boldsymbol{n}) \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{sa}}}^{(\ )} \sum_{(j^{sa} = j_i + j_{sa} - \boldsymbol{l_i})} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{j_{sa} + s - \boldsymbol{l} - j_{sa} + 1}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j^{ik}_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

$$\sum_{i=1}^{n} \sum_{(\boldsymbol{n} + \Bbbk\ (n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{i}}$$

$$\sum_{(=n_{ik}+j_{ik}^{sa}-\Bbbk_2)} \sum_{n_s=} \sum_{j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ - \Bbbk_1 - \ - \Bbbk_3 - j_{sa})!}{(n_i \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ )! \cdot (\boldsymbol{n} \ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ - \boldsymbol{n} + 1 \wedge$

$2 \ j_s \leq j_{ik} \ j_{sa}^{ik} + 1 \wedge \ + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \ j_{sa} - j_{sa}^{ik} \leq j \ \leq j_i + j_{sa} \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ - \ \ 0 \wedge$

$\boldsymbol{s}: \{ \ _{sa}, \cdots, \ , j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i} \} \wedge$

$\ \geq 7 \wedge \boldsymbol{s} \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{ j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i} \} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{sa}}}^{(\ )} \sum_{(j^{sa} = j_i + j_{sa} - \boldsymbol{l_i})} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{j_{sa} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{l}-D-j^{ik}_{sa}}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{s}\ \ -j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \ \ - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j \ \ < j_i + j_{sa} \ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_k} - j^{ik}_{sa} \ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s} \ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + \boldsymbol{n} + s - D - j_{sa}^{ik}}^{\boldsymbol{l_{sa}} + s - \boldsymbol{l} - j_{sa} + 1} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{ik}}+\boldsymbol{n}+s-D-j_{sa}^{ik}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_{sa} + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_i} - \boldsymbol{l} + 1}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+s-D-1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_s} + \boldsymbol{n} + s - D - 1}^{\boldsymbol{l_{ik}} + s - \boldsymbol{l} - j_{sa}^{ik} + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik}} \sum_{a + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(\boldsymbol{l_{sa}} - \boldsymbol{l} + \ \ \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j^{ik}_{sa})}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j^{ik}_{sa}+1)} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$(\boldsymbol{l_{ik}} - j_{sa} - \boldsymbol{l} - j_{sa}^{ik}$$

$$\sum \sum \sum_{j_s = j^{sa} + \boldsymbol{l_{sa}}\ (j^{sa} = \boldsymbol{l_i} + j_{sa} - D - s)\ j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=\ \ {}^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s\ \ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{i\ \ }\ \ {}_1}
$$

$$
\sum_{(\ \ =n_{ik}+j_{ik}\ \ {}^{sa}-\Bbbk_2)} \sum_{n_s=\ \ \ \ \ \ \ \ \ \ \ \ j_i-\Bbbk_3}^{(\ \ )}
$$

$$
\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2\ \ j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{s\ \ } \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n\ \ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik}} \sum_{a + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j_{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$${}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} \sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{(n^{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)} \sum_{n_s=n^{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - n_s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j^{sa} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{n} + j_{sa} - D - j_{sa}^{ik})}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{(j_{sa} - \boldsymbol{l} - s +}$$

$$\sum_{j_{ik} = j^{sa} +} \sum_{\boldsymbol{l_{sa}}\ (j^{sa} = \boldsymbol{l_s} +} \sum_{j_{sa} - D - 1)\ j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{j_s + 1)\ n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}-D-1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa} - D - 1)}^{(\boldsymbol{l_{ik}} + j_{sa} - \boldsymbol{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{\boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}}^{j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{D - j_{sa}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)}^{(\ )} \sum_{n_s=\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_s} + \boldsymbol{n} + j_{sa}^{ik} - D - 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n}}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{\boldsymbol{l_{ik}} - D - s}^{(\ )} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{n_i = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j^{ik}_{sa}-D-s}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)\ n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \ldots - \Bbbk_1 - \Bbbk_2 - \ldots)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\ldots - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ldots - \boldsymbol{n} + 1 \wedge$

$2 \ldots j_s \leq j_{ik} - \ldots + 1 \wedge \ldots + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} - j^{ik}_{sa} \leq j^{\ldots} \ldots j_i + j_{sa} \ldots s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} \ldots 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} \ldots j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \ldots 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ldots j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ldots > 7 \wedge \ldots s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_i} + j_{sa}^{ik} - \boldsymbol{l} - s + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{\boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - \boldsymbol{l}}^{D - j_{sa}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_i}+j^{ik}_{sa}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{sa}\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = \boldsymbol{l_{ik}} + \boldsymbol{n} - D}^{\boldsymbol{l_{sa}} + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{=\boldsymbol{l_s} + \boldsymbol{n} \ldots - D - 1}^{+ j_{sa}^{ik} - \boldsymbol{l} - s + 1} \sum_{(j^{sa} \ldots + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{\ldots - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j^{ik}_{sa}-D-1}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_3 - j_{sa})!}{(n_i - \ldots - \Bbbk_1 - \Bbbk_2 - \ldots)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\ldots - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge \ldots = 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ldots > 7 \wedge \ldots s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik}=\boldsymbol{l_s}+\boldsymbol{n}+j_{sa}^{ik}-D-1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$f_{Z^{SST}_{j_{ik}, j^{sa}, j_i}} \sum_{(j_s = \boldsymbol{l_{sa}} + \boldsymbol{n} - D - j_{sa} + 1)}^{(\boldsymbol{l_{sa}} - j_{sa} + 2)}$$

$$\sum_{j_{ik} = \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = \boldsymbol{l_{ik}} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j_{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_1-\Bbbk_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - j^{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l_{ik}} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$j_{\ldots}^{-DSST} \quad {}_{j_{ik}, j^{sa}, \ldots} = \sum_{\ldots = \boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_i} + \boldsymbol{n} - D - s + 1)}^{(\boldsymbol{l_i} \ldots - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = \ldots \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = \ldots_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ldots j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ \ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)}^{(\ )} \sum_{n_s=\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ \ - \boldsymbol{n} + 1 \wedge$

$2\ \ j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge\ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots,\ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-\boldsymbol{l})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$f_{Z^{SST}}(j_{ik}, j^{sa}, j_i) \sum_{(j_s=\boldsymbol{l}_{sa}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=\boldsymbol{l}_{ik}-\boldsymbol{l}_s}^{(\ )} \sum_{(j^{sa}=\boldsymbol{l}_{ik}+\boldsymbol{l}_{sa}-\boldsymbol{l}_{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l}_i-\boldsymbol{l}_{sa}}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j^{ik}_{sa}+1)}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_3 - j_{sa})!}{(n_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s > 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l_{sa}} - \boldsymbol{l} - j_{sa} + 2)} $$

$$ \sum_{j_{ik} = j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{ik}}+\boldsymbol{n}-D-j_{sa}^{ik}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{D, \boldsymbol{n}, \boldsymbol{l}_s, \boldsymbol{l}_{ik}, \boldsymbol{l}_{sa}, \boldsymbol{l}_i} = \sum_{k=\boldsymbol{l}}^{\boldsymbol{l}_i - \boldsymbol{l} - s + 2} \sum_{(j_s = \boldsymbol{l}_s + \boldsymbol{n} - D)}
$$

$$
\sum_{j_{ik} = \boldsymbol{l}_{ik} + \boldsymbol{l}_{ik} - \boldsymbol{l}_s} \sum_{(j^{sa} = \boldsymbol{l}_{sa} + \boldsymbol{l}_{sa} - \boldsymbol{l}_{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l}_i - \boldsymbol{l}_{sa}}
$$

$$
\sum_{i_{sa} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l}_s - \boldsymbol{l} - 1)!}{(\boldsymbol{l}_s - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l}_i)!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l}_i)! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l}_s > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j_{sa}^{ik} + 1 = \boldsymbol{l}_s \wedge \boldsymbol{l}_{sa} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l}_{ik} \wedge \boldsymbol{l}_i + j_{sa} - s = \boldsymbol{l}_{sa} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_s}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ ^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=\ } \sum_{\ j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ - \Bbbk_1 - \ - \Bbbk_3 - j_{sa})!}{(n_i\ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ )! \cdot (\boldsymbol{n}\ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > \ - \boldsymbol{n} + 1 \wedge$

$2\ j_s \leq j_{ik}\ ^{ik} + 1 \wedge\ + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik}\ j_{sa} - j_{sa}^{ik} \leq j\ \leq j_i + j_{sa}\ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik}\ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ - \Bbbk\ 0 \wedge$

$\boldsymbol{s}: \{j_{sa}, \cdots,\ , j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$\ \geq 7 \wedge \boldsymbol{s}\ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \boldsymbol{l_s} + \boldsymbol{n} - D)}$$

$$\sum_{j_{ik} = j_s + \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{sa}}+s-\boldsymbol{l}-j_{sa}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible] j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_i}-\boldsymbol{l_{sa}})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_i \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \boldsymbol{l_i} + \boldsymbol{n} - D}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_i}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}-D-s)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa} - D - s)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{sa}}+j_{sa}^{ik}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa}=\boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq [illegible] < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa}=\boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible]$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-S}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_i}+\boldsymbol{n}+j_{sa}^{ik}-D-s}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq [illegible] < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_i} + \boldsymbol{n} + j_{sa}^{ik} - D - s}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa}=\boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa}=\boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s>\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_s} \leq D+\boldsymbol{l_i}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]_{sa}^{ik}+1[illegible]_i+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n}[illegible] \leq D+[illegible]+s-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l_i} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+s-\boldsymbol{n} \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_i}+\boldsymbol{n}-D-s+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}[illegible]\boldsymbol{l_{sa}} \leq D[illegible]\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_{ik}}+s-\boldsymbol{l}-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} = \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible]$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}[illegible]\boldsymbol{l_{sa}} \leq D[illegible]\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{sa}} + \boldsymbol{n} + s - D - j_{sa}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=\boldsymbol{l_{sa}}+\boldsymbol{n}+s-D-j_{sa}}^{\boldsymbol{l_s}+s-\boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_{ik}}+j_{sa}-\boldsymbol{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible]$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}[illegible]\boldsymbol{l_{sa}} \leq D[illegible]\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]} \cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!} \cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} = \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}[illegible]\boldsymbol{l_{sa}} \leq D[illegible]\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = \boldsymbol{l_{sa}} + \boldsymbol{n} - D)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} < \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\boldsymbol{l_{sa}}+\boldsymbol{n}-D)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}-\boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{sa}}+\boldsymbol{n}+j_{sa}^{ik}-D-j_{sa}}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} < \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = \boldsymbol{l_{sa}} + \boldsymbol{n} + j_{sa}^{ik} - D - j_{sa}}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} \leq \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)} $$

$$ \sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}\big) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n} < \boldsymbol{l_{sa}} \leq D-\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 1 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa}[illegible]}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-[illegible]}{(\boldsymbol{l_s}-j_s[illegible]1)!\cdot([illegible]-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})![illegible]}{(D+j_i-[illegible]-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-[illegible]!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}[illegible]j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+[illegible]j_{sa} \leq j_i \leq [illegible] \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+[illegible]-j_{sa} > \boldsymbol{l_{ik}}[illegible]\boldsymbol{l_i}+j_{sa}[illegible]\boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+[illegible] \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}[illegible]-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}[illegible]j_{sa}^{ik}+1[illegible]j_s+j_{sa}^{ik}-1 \leq [illegible] \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq [illegible] \leq j_i+[illegible] \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-[illegible]+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}[illegible]+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}-\boldsymbol{n}[illegible]\boldsymbol{l_{sa}} \leq D[illegible]\boldsymbol{l_s}+j_{sa}-\boldsymbol{n}-1)\big) \wedge$

$\big((\boldsymbol{n}[illegible] \leq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, [illegible], j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq [illegible] \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=\boldsymbol{l_{sa}}+\boldsymbol{n}-D-j_{sa}+1)}^{(\boldsymbol{l_s}-\boldsymbol{l}-1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = \boldsymbol{l_{ik}} + s + \boldsymbol{n} - D - j_{sa}^{ik}}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=\boldsymbol{l_{ik}}+\boldsymbol{n}+j_{sa}-D-j_{sa}^{ik})}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}+\boldsymbol{n}-D}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}}) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$2 \leq \boldsymbol{l} \leq D+\boldsymbol{l_s}+s-\boldsymbol{n}-\boldsymbol{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\boldsymbol{n}-\boldsymbol{l_{ik}} \leq D-\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{n}-1)\big) \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = \boldsymbol{l_{ik}} + \boldsymbol{n} - D - j_{sa}^{ik} + 1)}^{(\boldsymbol{l_s} - \boldsymbol{l} + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-\boldsymbol{l_i})}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_i}-\boldsymbol{l}+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{sa}} + j_{sa} - \boldsymbol{l} - s + 1}$$

$$\sum_{i_{sa} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{s+1}^{\boldsymbol{l_{sa}}+j_{sa}-\boldsymbol{l}-s}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}
$$

$$
\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}^{(\ )}
$$

$$
\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \ \ - \boldsymbol{n} + 1 \wedge$

$1 \ \ j_s \leq j_{ik}\ \ {}^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l}_{ik} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

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$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j^{sa}-j_i-\Bbbk_1-\Bbbk_2-\Bbbk_3-j_{sa})!}{(n_i-\boldsymbol{n}-\Bbbk_1-\Bbbk_2-\Bbbk_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s>1 \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_{ik}} + j_{sa}^{ik} - \boldsymbol{l} - s + 1}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ j_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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1010 $D > \boldsymbol{n} < n$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_{ik}=j_s+1}^{\boldsymbol{l_{ik}}+j^{ik}_{sa}-\boldsymbol{l}-s}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \boldsymbol{l} - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s>\boldsymbol{n} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\ )} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})}^{\boldsymbol{l_s} + s - \boldsymbol{l}} \sum_{j_i = s+1}$$

$$\sum_{n_{is} = \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+\boldsymbol{l_{sa}}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-1} \sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n^{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n^{sa}+j^{sa}-j_i-\mathbb{k}_3} $$

$$ \frac{(n_i + j^{sa} - j_s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - j_s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa})! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot $$

$$ \frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot $$

$$ \frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!} $$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s > \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\boldsymbol{l_s}+s-\boldsymbol{l}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, \ldots, j_i}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{\ldots = j^{sa} + j_{sa}^{ik} \ldots a}^{(\ )} \sum_{(j^{sa} = j_i + \boldsymbol{l_{sa}} - \boldsymbol{l_i})} \sum_{j_i = s+1}^{\boldsymbol{l_s} + s - \boldsymbol{l}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ldots - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_i}+j_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=[illegible]+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s[illegible])}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}[illegible]}$$

$$\sum_{(\ =n_{ik}+j_{ik}[illegible]^{sa}-\Bbbk_2)} \sum_{n_s=[illegible]} \sum_{[illegible]\ j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - [illegible] - \Bbbk_1 - [illegible] - \Bbbk_3 - j_{sa})!}{(n_i [illegible] \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - [illegible])! \cdot (\boldsymbol{n} [illegible] j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{([illegible] j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq [illegible] - \boldsymbol{n} + 1 \wedge$

$1 [illegible] j_s \leq j_{ik} [illegible]^{ik} + 1 \wedge [illegible] + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} [illegible] j_{sa} - j^{ik}_{sa} \leq j [illegible] \leq j_i + j_{sa} [illegible] \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} [illegible] 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} [illegible] j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n [illegible] - \Bbbk [illegible] 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots [illegible] j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} [illegible] s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge j_{ik}+j_{sa}-s > 0 \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$+ j_{sa}^{ik} - \boldsymbol{l} - 1)$$

$$\sum_{j_{ik} = j_{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(j_{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{1}^{n} \sum_{(j_s + 1)} \sum_{\boldsymbol{n} + \Bbbk\ (n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j^{ik}_{sa}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{sa}\ \ \ \ j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \ \ - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{l} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}} $$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s > \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_{ik}}+j_{sa}^{ik}-\boldsymbol{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS\Bbbk} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa} = j^{sa} + \boldsymbol{l_{ik}} - \boldsymbol{l_{sa}}} \sum_{(\boldsymbol{l_s} + j_{sa} - \ )} \sum_{j_{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)} \sum_{j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=\ \ ^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s\ \ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{i\ \ }\ \ _1}$$

$$\sum_{(\ \ =n_{ik}+j_{ik}\ \ ^{sa}-\Bbbk_2)} \sum_{n_s=\ \ \ \ \ \ \ \ \ \ \ \ j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \ \ + s - \boldsymbol{n} \wedge$

$1 \ \ j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ \ - \ \ \ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s = \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa} = j^{sa} + j_{sa}^{ik} - j_s} \sum_{(\boldsymbol{l_s} + j_{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\,,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\boldsymbol{l_{ik}}-\boldsymbol{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\boldsymbol{l_s}+j_{sa}-\boldsymbol{l})} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{sa}\ \ +j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \ \ - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{n} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s > 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\boldsymbol{l_s} + j_{sa} - \boldsymbol{l})} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_{sa})!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D-\boldsymbol{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s=\boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_i}+j_{sa}^{ik}-\boldsymbol{l}-s+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, \ldots, j_i}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{ik} = \ldots + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1}^{\ldots + j_{sa}^{ik} - \boldsymbol{l} - j_{sa} + 1} \sum_{(j^{sa} = \ldots + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{\ldots - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\boldsymbol{l_{sa}}+j^{ik}_{sa}-\boldsymbol{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \ldots - \Bbbk_1 - \Bbbk_2 - \ldots)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s>\boldsymbol{n} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa}^{ik}+1}^{\boldsymbol{l_{ik}} - \boldsymbol{l} + 1} \sum_{(j^{sa} = j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{j_s+1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\boldsymbol{l_{ik}}-\boldsymbol{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j_{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_3 - j_{sa})!}{(n_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s > 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j_{sa}^{ik}+1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s>\boldsymbol{n} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s=\boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_2,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}, j_i}^{DSS} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

$$\sum_{j_{sa}^{ik}+1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = \boldsymbol{l} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\boldsymbol{l} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\boldsymbol{l_s}+j^{ik}_{sa}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{l}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{j_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{is}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j^{sa} - j_{sa} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3 - j_{sa})!}{(n_i - j_{sa} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa})! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot
$$

$$
\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}
$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D - s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$((D > \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$z = 7 \wedge \mathbb{k} = s + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}+\boldsymbol{l_s}-\boldsymbol{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_{sa}}+j_{sa}-s > \boldsymbol{l_s} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\boldsymbol{l_s}+j_{sa}^{ik}-\boldsymbol{l}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \mathbb{k} \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DSS1} = \sum_{k=\boldsymbol{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\boldsymbol{l_s} + j_{sa}^{ik} - \boldsymbol{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_i}-\boldsymbol{l}-s+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ -\Bbbk_2)}^{(\ )} \sum_{n_s=\ \ +j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq \ \ - \boldsymbol{n} + 1 \wedge$

$1 \ \ j_s \leq j_{ik}\ \ j_{sa}^{ik} + 1 \wedge \ \ + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j_{sa}^{ik} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk$ [illegible] $: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa}=\boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s>\boldsymbol{n} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{sa}}-\boldsymbol{l}-j_{sa}+2)} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$\Bbbk_z S_{j_s, j_{ik}, \ldots, j_i}^{DSS\ldots} = \sum_{k=\boldsymbol{l}}^{\ldots - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\ldots \boldsymbol{l_{ik}} - \boldsymbol{l_s}} \sum_{(j^{sa}=\ldots_k + \boldsymbol{l_{sa}} - \boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \boldsymbol{l_i} - \boldsymbol{l_{sa}}}$$

$$\sum_{\ldots \boldsymbol{n} + \Bbbk}^{n} \sum_{(n_{is} = \boldsymbol{n} + \Bbbk - j_s + 1)}^{(\ j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j^{ik}_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=\boldsymbol{n}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{ik}=n_{ik}+j_{ik}\ \ -\Bbbk_2)} \sum_{n_s=n_{sa}} \sum_{j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_3 - j_{sa})!}{(n_i - \ \ - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{l} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} - 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} - j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_{ik}} - \boldsymbol{l} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s > \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\mathbb{k} \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\mathbb{k}>0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_{ik}}-\boldsymbol{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_2, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

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$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$fz^{SST}_{j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

$$\sum_{i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(\ =n_{ik}+j_{ik}\ ^{sa}-\Bbbk_2)} \sum_{n_s=\ \ +j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - \ \ - \Bbbk_1 - \ \ - \Bbbk_3 - j_{sa})!}{(n_i\ \ \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \ \ )! \cdot (\boldsymbol{n}\ \ j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l}\ \ j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \ \ + s - \boldsymbol{n} \wedge$

$1 \ \ j_s \leq j_{ik}\ \ ^{ik}_{sa} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik}\ \ j_{sa} - j^{ik}_{sa} \leq j\ \ \leq j_i + j_{sa}\ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa}\ \ 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}\ \ j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n\ \ \ - \Bbbk\ \ 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, \ \ , j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$\ \geq 7 \wedge \boldsymbol{s}\ \ s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j_i+s-j_{sa} \leq j_i < \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l}+j_{sa}-s = \boldsymbol{l} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s+\mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \mathbb{k} > 0 \wedge$

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$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}
$$

$$
\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!}.
$$

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$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-\boldsymbol{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{n}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D+s-\boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}}-j_{sa}^{ik}+1=\boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}+j_{sa}^{ik}-j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i}+j_{sa}-s > \boldsymbol{l_{sa}} \wedge$

$\big((D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=3 \wedge \Bbbk=\Bbbk_1+\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,\Bbbk_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_2+\Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,\Bbbk_2,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},\Bbbk_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

$\Bbbk_z: z=2 \wedge \Bbbk=\Bbbk_1+\Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I=\Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s},\cdots,\Bbbk_1,j_{sa}^{ik},j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s}=s+\Bbbk \wedge$

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$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)\big) \Rightarrow$

$$fz^{SST}_{j_{ik}, j^{sa}, j_i} = \sum_{k=\boldsymbol{l}}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=\boldsymbol{l_{ik}}-\boldsymbol{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_i - \Bbbk_1 - \Bbbk_2 - \Bbbk_3 - j_{sa})!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq D + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

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$\big((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+\boldsymbol{l_{sa}}-\boldsymbol{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\boldsymbol{n}+\Bbbk}^{n} \sum_{(n_{is}=\boldsymbol{n}+\Bbbk-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{ik}=n_{ik}+j_{ik}-\Bbbk_2)} \sum_{n_s=n_{sa}+j_i-\Bbbk_3}$$

$$\frac{(n_i + j^{sa} - j_{sa} - \Bbbk_1 - \Bbbk_3 - j_{sa})!}{(n_i - j_{ik} - \Bbbk_1 - \Bbbk_2 - j_{ik})! \cdot (\boldsymbol{n} - j^{sa} - j_i - j_{sa})!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_i} \leq \boldsymbol{l_{sa}} + s - \boldsymbol{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j^{ik}_{sa} + 1 > \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j^{ik}_{sa} - j_{sa} > \boldsymbol{l_{ik}} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}} \wedge$

$((D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z : z = 3 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} = s + \Bbbk \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = \Bbbk > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \boldsymbol{s} = s +$ [illegible] $\wedge$

$\Bbbk_z: z = 1 \wedge$ [illegible] $= \Bbbk_2) \vee$

$(D \geq \boldsymbol{n} < n \wedge I$ [illegible] $k > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots,$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \boldsymbol{s} =$ [illegible] $+ \Bbbk \wedge$

$\Bbbk_z$ [illegible] $\wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\boldsymbol{l}} \sum_{(j_s=2)}^{(\boldsymbol{l_s}-\boldsymbol{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\boldsymbol{l_i}-\boldsymbol{l_{sa}}}$$

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$$\sum_{n_i=\boldsymbol{n}+\mathbb{k}}^{n} \sum_{(n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}-j_i-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3-j_{sa})!}{(n_i-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\boldsymbol{n}+j^{sa}-j_i-j_{sa})!}\cdot$$

$$\frac{(\boldsymbol{l_s}-\boldsymbol{l}-1)!}{(\boldsymbol{l_s}-j_s-1)!\cdot(\boldsymbol{l}-2)!}\cdot$$

$$\frac{(D-\boldsymbol{l_i})!}{(D+j_i-\boldsymbol{l}-\boldsymbol{l_i})!\cdot(\boldsymbol{n}-1)!}$$

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$\big((\mathbf{l} > \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathbf{l_i} > \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - \mathrm{j_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathbf{l_i} > \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathbf{l_{ik}} > \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}^{ik}} - \mathbf{n} - 1\big) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_i} - \mathrm{s} + 1 > \mathbf{l_{sa}} \wedge$

$\mathbf{l_i} > \mathrm{D} + \mathbf{l_{sa}} + \mathrm{s} - \mathbf{n} - 1)\big) \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = 0$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DSST}}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l}_{\mathbf{s}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j_i}=\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathbf{l_i}+1}^{\mathrm{D}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10}; (\mathrm{n_{is}}=\mathbf{n}-\mathrm{j_s}+1)}^{\mathrm{n}} \sum_{\mathrm{n_{ik}}=\mathrm{j_{ik}}-\mathbb{k}_1}^{(\ )} \sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n_i}+\mathrm{j_{sa}}+\mathrm{j^{sa}}-2\cdot\mathrm{s}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)! \cdot (\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)! \cdot (\mathrm{j_s}-2)!} \cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})! \cdot (\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$\mathbf{l}_{\mathbf{s}} \leq \mathrm{j_s} \leq \mathbf{l}_{\mathbf{s}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathbf{l} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_i} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + \mathrm{j_{sa}} = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}-j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l}_{sa}-\mathbf{l}-1)!}{(\mathbf{l}_{sa}-\mathbf{l}-s)!\cdot(j_s-2)!}$$

$$\frac{(D\ldots)}{(D+\ldots-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i + j_{sa} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+\mathbf{n}+s-D-j_{sa}^{ik}}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(\mathrm{n_i} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3,$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} +$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge$ $= \mathbb{k}_2 +$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I}$ $\mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}$ $, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}},$ $\mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s}$ $+ \mathrm{Q5}; \wedge$

$\mathbb{k}_z:$ $\wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} <$ $\mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+\mathbf{n}+s-D-1}^{\mathbf{l_s}+s-\mathbf{l}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s=\ \ -j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j\ \ -s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_{sa}}+s\ \ j_{sa}+1}
$$

$$
\sum_{n_i=Q10\ \ 5;}^{n} \sum_{(n_{is}=\mathbf{n}\ \ -j_s+1)} \sum_{n_{ik}=\ \ j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}\ \ {}^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i\ \ + j_{sa}\ \ {}^{sa}-2\ \ -\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1\ \ \mathbb{k}_2-\mathbb{k}_3)\ \ (\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!} \cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \ \ < n \wedge \mathbf{l_s} > D\ \ \mathbf{n}+1 \wedge$

$\ \ \leq j_s \leq \ \ -j_{sa}^{ik}+1 \wedge\ \ +j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+\ \ -j_{sa}^{ik}\ \ \ \ j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+\ \ = \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n}\ \ n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(j_{ik}-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\ )}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 < j_{ik} \leq j_{ik}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+1-j_{sa} \leq j_i-1 \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-1=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5;$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5;\wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-\mathbf{l}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_i} - \mathbf{l} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}^{(\ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathbf{l_{sa}}+\mathbf{n}+\mathrm{s}-\mathrm{D}}^{\mathbf{l_{ik}}+\mathrm{s}-\mathbf{l}_{\mathrm{sa}}^{\mathrm{ik}}+1}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10}}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}-\mathrm{j_s}+1)}^{(\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot
$$

$$
\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}
$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathbf{l_{ik}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + \mathrm{j_{sa}} = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \quad) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-\mathbf{l}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}}\cdot$$

$$\frac{(\mathbf{l}-1)!}{j_s-\mathbf{l}\ )!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i + j_{sa} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - 1 = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+\mathbf{n}+s-D-j_{sa}^{ik}}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(\mathrm{n_i} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3,$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} +$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge$ $= \mathbb{k}_2 +$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I}$ $\mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}}$ $\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}},$ $\mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s}$ $+ \mathrm{Q5}; \wedge$

$\mathbb{k}_z:$ $\wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} <$ $\mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_{ik}} + \mathbf{n} + s - D - j_{sa}^{ik}}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s \ldots - j_{sa}^{ik} + 1)}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\ )}_{(j^{sa} = j_i + j_s \ldots)} \sum^{\mathbf{l_s} + \ldots}_{j_i = \mathbf{l_{ik}} + \mathbf{n} + s - D \ldots}
$$

$$
\sum^{n}_{n_i = Q10 \ldots 5; (n_{is} = \mathbf{n} \ldots - j_s + 1)} \sum^{\ldots - j_s + 1)}_{n_{ik} = \ldots j_{ik} - \mathbb{k}_1}
$$

$$
\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} \ldots {}^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i \ldots + j_{sa} \ldots {}^{sa} - 2 \ldots - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3) \ldots (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \mathbf{l_s} > D \ldots \mathbf{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} \ldots n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+\mathbf{n}+s-D-1}^{\mathbf{l_i}-\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}}\cdot$$

$$\frac{(\mathbf{l}-1)!}{(j_s-\mathbf{l}\ )!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 < j_{ik} \leq j_{ik}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-1=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3))$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_s} + \mathbf{n} + s - D - 1}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

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$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_s}+\mathbf{n}+s-D-1}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DSST}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=\mathbf{l}} \sum^{(\ )}_{(\mathrm{j_s}\ \ \mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum^{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l}\ \ +1)}_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}\ \ -\mathrm{D}-\mathrm{s})\ \mathrm{j_i}=\mathrm{j^{sa}}+}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10}\ \ 5;\ (\mathrm{n_{is}}=\mathbf{n}\ \ -\mathrm{j_s}+1)\ \mathrm{n_{ik}}=}^{\mathrm{n}} \sum^{(\ \ -\mathrm{j_s}+1)}_{\ \ \mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum^{(\ )}_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}\ \ \mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i}\ \ +\mathrm{j_{sa}}\ \ \mathrm{j^{sa}}-2\ \ -\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1\ \ \mathbb{k}_2-\mathbb{k}_3)\ \ (\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!} \cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!} \cdot
$$

$$
\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}
$$

$\mathrm{D} \geq\ \ < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D}\ \ \mathbf{n} + 1 \wedge$

$\ \ \leq \mathrm{j_s} \leq\ \ - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge\ \ + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} +\ \ - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq\ \ \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +\ \ = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$((\mathrm{D} \geq \mathbf{n}\ \ \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}-n_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}-\mathbf{l}-1)!}{(j_s-\mathbf{l}-1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{n}-\mathbf{l_i})!}{(D+\mathbf{l_{sa}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i + j_{sa} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(\mathrm{n_i} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3,$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} +$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge$ $= \mathbb{k}_2 +$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I}$ $\mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}$ $\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}},$ $\mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s}$ $+ \mathrm{Q5}; \wedge$

$\mathbb{k}_z:$ $\wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} <$ $\mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_s} + \mathbf{n} + j_{sa} - D - 1)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s \ldots - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\mathbf{l_{sa}} - \mathbf{l} + \ldots)}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} \ldots - D - s)\ j_i = j^{sa} + \ldots}$$

$$\sum_{n_i = Q10 \ldots 5;}^{n} \sum^{(\ldots - j_s + 1)}_{(n_{is} = \mathbf{n} \ldots - j_s + 1)\ n_{ik} = \ldots} \sum_{\ldots - j_{ik} - \mathbb{k}_1}$$

$$\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} \ldots - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i \ldots + j_{sa} \ldots - 2 \ldots - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3) \ldots (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \ldots < n \wedge \mathbf{l_s} > D \ldots \mathbf{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} \ldots n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(j_s-\mathbf{l}+1)!\cdot(j_s-2)!}$$

$$\frac{(D-\ )}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-\ \leq j_{ik} \leq j\ +j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+\ -s \wedge j^{sa}+\ j_{sa} \leq j_i\ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-\ =\mathbf{l_{ik}} \wedge \mathbf{l_i}+\ _{sa}-s=\mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j\ \mathbb{k}_2,j_{sa},\ \mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq\ \wedge \mathbf{s}=s+Q5;$

$\mathbb{k}_z: z=\ \mathbb{k}=\mathbb{k}_1+\mathbb{k}\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge\ Q5\ \ 0 \wedge$

$\mathbf{s}:\{j_{sa},\cdots,\ \mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$\geq 6 \wedge \mathbf{s}\ s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathbf{l_{ik}}+1)} \sum_{(\mathrm{j^{sa}}=\mathbf{l_s}-\mathrm{D})} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10}}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i} - \mathbf{n} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot
$$

$$
\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}
$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$\mathbf{l} \leq \mathrm{j_s} \leq \mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathbf{l} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} \leq \mathbf{l_s} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + \mathbf{l} = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$(\mathrm{D} > \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}-n_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(j_s-\mathbf{l}-1)!\cdot(j_s-2)!}$$

$$\frac{(D-\mathbf{n}-\mathbf{l_i})!}{(D+1-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 < j_{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i + j_{sa} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(\mathrm{n_i} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n_i} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - 2 \cdot \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3,$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} +$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge$ $= \mathbb{k}_2 +$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I}$ $\mathrm{Q5}; > 0$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}$ $\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}},$ $\mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s}$ $+ \mathrm{Q5}; \wedge$

$\mathbb{k}_z:$ $\wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} <$ $\mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \ldots - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j_{sa}^{ik})}^{(\ldots_{sa} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s \ldots -j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum^{(\mathbf{l_s}+j_{sa}-\ldots)}_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_s \ldots D-j_{sa}^{ik})\ j_i=j^{sa}+\ldots}$$

$$\sum_{n_i=Q10 \ldots 5;}^{n} \sum^{\ldots -j_s+1)}_{(n_{is}=\mathbf{n} \ldots j_s+1)\ n_{ik}=\ldots j_{ik}-\mathbb{k}_1}$$

$$\sum^{(\ )}_{(n_{sa}=n_{ik}+j_{ik} \ldots {}^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i \ldots + j_{sa} \ldots {}^{sa} - 2 \ldots - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3) \ldots (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \ldots < n \wedge \mathbf{l_s} > D \ldots \mathbf{n} + 1 \wedge$

$\ldots \leq j_s \leq \ldots - j_{sa}^{ik} + 1 \wedge \ldots + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + \ldots - j_{sa}^{ik} \ldots j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} \ldots n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+\mathbf{n}+j_{sa}-D-1)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}}\cdot$$

$$\frac{(\mathbf{l}-1)!}{j_s-\mathbf{l}\ )!\cdot(j_s-2)!}$$

$$\frac{(D}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 < j_{ik} \leq j_{ik}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-1=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_3))$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_s}+\mathbf{n}+j_{sa}-D-1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

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$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_s} + \mathbf{n} + j_{sa} - D - 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\mathbf{l}=\mathbf{l}}^{(\ )} \sum_{(j_s=j_i}^{(\ )} \sum_{j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}}^{\mathbf{l_i}+j_{sa}^{ik}-\mathbf{l}-s+1} \sum_{-j_{ik}+j_{sa}-j_s}^{\ } \sum_{j_i=j^{sa}+s-j_{sa}}^{\ }
$$

$$
\sum_{n_i=Q10;+Q5;}^{(\ +1)} \sum_{(\ -\mathbf{n}+\mathbb{k}-j_s}^{\ } \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{\ }
$$

$$
\sum_{(\ -n_{ik}+\ j^{sa}-\mathbb{k}_2)}^{(\ } \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}^{\ }
$$

$$
\frac{(n_i + j_i + \ - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \ - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < \ \wedge \mathbf{l_s} > D - \ + 1 \wedge$

$2 \leq j_{ik} \leq j_{ik} - j_{sa} \ \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - \ \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\ - j_{sa}^{ik} \ = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}}^{\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \ \mathbb{k}_1-\ \ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}\ \ -\mathbb{k}_3)!\ \ +j_i+\ \ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ \ -j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}\ \ \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa}\ \ 1 \leq j_{ik} \leq j\ \ + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} +\ \ - j^{ik}_{sa} \leq j^{sa}\ \ j_i + j_{sa} - s \wedge j\ \ \ \ j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 =\ \ \wedge \mathbf{l_{sa}} +\ \ - j_{sa} =\ \ \mathbb{k} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D\ \ \mathbf{n} < n \wedge I = Q\ \ > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots,\ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ , \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 7\ \ \mathbf{s} = s +\ \ \wedge$

$\mathbb{k}_z: z = 3 \wedge\ \ = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n}\ \ \ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

$$ \sum_{n_i = Q10; + Q5;}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l}_{\boldsymbol{i}})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i + j_{sa} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_s} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}$

$\big((D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_s} + \mathbf{n} + j_{sa}^{ik} - D - 1}^{+j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible], \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible], \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j_{ik} = \mathbf{l_i} + \ldots - D - s} \sum_{(\ldots = j_{ik} + j_{sa} - j_{sa} \ldots)} \sum_{\ldots + s - j_{sa}}$$

$$\sum_{n \ldots 10; + Q5;} \sum_{(n_{is} = \mathbf{n} \ldots - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{\ldots n_i + j_i + \ldots - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} \ldots \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \ldots < n \wedge \mathbf{l_s} \ldots \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j \ldots - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\ldots + j_s \ldots {}_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \ \mathbb{k}_1-\ \ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}\ -\mathbb{k}\ -\mathbb{k}_3)!\ \ \mathbf{n}+j_i\ \ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ \ j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}\ \ \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa}\ \ 1 \leq j_{ik} \leq j\ \ + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} +\ \ - j^{ik}_{sa} \leq j^{sa}\ \ j_i + j_{sa} - s \wedge j\ \ + s\ \ j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 =\ \ \wedge \mathbf{l_{sa}} +\ \ - j_{sa} =\ \ \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D\ \ \mathbf{n} < n \wedge I =\ \ > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots,\ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ , \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 7\ \ \mathbf{s} = s +$

$\mathbb{k}_z: z = 3\ \ = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n}\ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

$$ \sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\mathbf{l}-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_i} - \mathbf{l} - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} \ldots +1)}^{(\ )}$$

$$\sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n}_{ik} - D - j_{sa}}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(\ = j_{ik} + j_{sa} \ldots)}^{(\ )} \sum_{\ldots + s - j_{sa}}$$

$$\sum_{\ldots Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} \ldots - j_s + 1)}^{(n_i - j_s + \ldots)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + j_i + \ldots - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} \ldots \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \ldots \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j \ldots - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\ldots + j_{sa} \ldots_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}}^{\mathbf{l_s}+j^{ik}_{sa}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \ \mathbb{k}_1-\ \ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}\ \ -\mathbb{k}_3)!\ \ +j_i+\ \ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ \ -j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}\ \ \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa}\ \ 1 \leq j_{ik} \leq j\ \ + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} +\ \ - j^{ik}_{sa} \leq j^{sa}\ \ j_i + j_{sa} - s \wedge j\ \ j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 =\ \ \wedge \mathbf{l_{sa}} +\ \ - j_{sa} =\ \ \mathbb{k} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D\ \ \mathbf{n} < n \wedge I =\ \ > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots,\ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ , \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 7\ \ \mathbf{s} = s +\ \ \wedge$

$\mathbb{k}_z: z = 3 \wedge\ \ = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n}\ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

$$ \sum_{n_i = Q10; + Q5;}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l}_{\boldsymbol{i}})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i + j_{sa} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_s} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}$

$\big((D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l}_{ik} - j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} [illegible] \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=l} \sum_{(j_s = j_{ik} \ldots + 1)}$$

$$\sum_{j \ldots l_{ik} + \mathbf{n} - D} \sum_{(\ldots = j_{ik} + j_{sa} - j_{sa} \ldots)} \sum_{\ldots + s - j_{sa}}$$

$$\sum_{n \ldots 10; + Q5;} \sum_{(n_{is} = \mathbf{n} \ldots - j_s + 1)} \sum_{(n_i - j_s + \ldots)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(\ldots n_i + j_i + \ldots - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} \ldots \mathbb{k}_1 \ldots \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \ldots < n \wedge \mathbf{l_s} \ldots \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{\ldots} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$\ldots + j_{s\ldots} \ldots_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_s}+\mathbf{n}+j^{ik}_{sa}-D-1}^{\mathbf{l_i}+j^{ik}_{sa}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}}^{} -j_{ik}-\mathbb{k}_1
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \ \mathbb{k}_1-\ \ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}\ \ -\mathbb{k}_3)!\ \ +j_i+\ \ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ \ -j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + \ \ \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} \ \ 1 \leq j_{ik} \leq j\ \ + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + \ \ - j^{ik}_{sa} \leq j^{sa}\ \ j_i + j_{sa} - s \wedge j\ \ \ \ j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \ \ \wedge \mathbf{l_{sa}} + \ \ - j_{sa} = \ \ \mathbb{k} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D\ \ \mathbf{n} < n \wedge I = \ \ > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ , \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 7\ \ \mathbf{s} = s + \ \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ \ = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$D > \mathbf{n}\ \ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} $$

$$ \sum_{j_{ik}=\mathbf{l_s}+\mathbf{n}+j_{sa}^{ik}-D-1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\mathbf{l}-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_s} + \mathbf{n} + j_{sa}^{ik} - D - 1}^{\mathbb{k} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_i} - \mathbf{l} + 2)} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - \mathbf{l} + 1)}
$$

$$
\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(\ )} \sum_{n = j_{ik} + j_{sa}} \sum_{j_i = j_{sa} + s - j_{sa}}
$$

$$
\sum_{\ldots Q10; +Q5;}^{n} \sum_{(n_{is} = n_i - j_s + 1)}^{(n_i - j_s + \ldots)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{l} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} = D - \mathbf{l} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}} -j_{ik}-\mathbb{k}_1
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} \quad - \mathbb{k}_1 - \quad - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k} \quad - \mathbb{k}_2 - \mathbb{k}_3)! \quad (\mathbf{n} + j_i \quad - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s \quad \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D \quad j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} \quad \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} \quad 1 \leq j_{ik} \leq j \quad + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j \quad - j_{sa}^{ik} \leq j^{s} \quad j_i + j_{sa} - s \wedge j \quad + s \quad j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l} \quad - j_{sa}^{ik} + 1 \quad \wedge \mathbf{l_{sa}} + \quad {}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \quad \mathbf{n} < n \wedge I = \quad ; > 0 \wedge$

$\quad \{j_{sa}^{s}, \cdots \quad , j_{sa}^{ik}, \mathbb{k}_2, j_{sa} \quad \cdot, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s \quad$

$\mathbb{k}_z: z = 3 \quad \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l}_{\boldsymbol{i}})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i + j_{sa} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_s} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}$

$\big((D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,\, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} [illegible] \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}_{sa}+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}\ \ +1)}
$$

$$
\sum_{j\ \ j_s+j_{sa}^{ik}-1}^{(\ )} \sum_{n=j_{ik}+j_{sa}\ \ \ \ i\ \ \ \ +s-j_{sa}}
$$

$$
\sum_{\ \ Q10;+Q5;}^{n} \sum_{(n_{is}=\ \ -j_s+1)}^{(n_i-j_s+\ \ )} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j\ \ - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \ \ \mathbb{k}_1 - \ \ \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge j\ \ D\ \ \ \ + 1 \wedge$

$2 \leq j_s \leq j\ \ - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}\ -j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \ \mathbb{k}_1-\ \ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}\ -\mathbb{k}_3)!\ \ \mathbf{n}+j_i\ \ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ \ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ \ j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}\ \ \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa}\ \ 1 \leq j_{ik} \leq j\ \ + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} +\ \ - j^{ik}_{sa} \leq j^{sa}\ \ j_i + j_{sa} - s \wedge j\ \ + s\ \ j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 =\ \ \wedge \mathbf{l_{sa}} +\ \ - j_{sa} =\ \ \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D\ \ \mathbf{n} < n \wedge I =\ \ > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots,\ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ , \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7\ \ \mathbf{s} = s +$

$\mathbb{k}_z: z = 3\ \ = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n}\ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_3, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\mathbf{l}-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSS1} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_i}-\mathbf{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{[illegible]}^{(\mathbf{l_{ik}} - \mathbf{l} - [illegible] + 2)} \sum_{[illegible]\,(j_s = \mathbf{l_{sa}} + \mathbf{n} - D [illegible] + 1)}
$$

$$
\sum_{j[illegible] + j_{sa}^{ik} - 1}^{(\ )} \sum_{[illegible] = j_{ik} + j_{sa} - j[illegible]}^{[illegible] + s - j_{sa}}
$$

$$
\sum_{[illegible]\,Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n}[illegible] - j_s + 1)}^{(n_i - j_s + [illegible]} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{([illegible]n_i + j_i + [illegible] - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n}[illegible]\mathbb{k}_1 [illegible]\mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s}$ [illegible] $\mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j[illegible] - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

[illegible] $+ j_{sa}$ [illegible] $_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{sa}-\mathbb{k}_1-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i-j_{sa}-2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}$ [illegible] $\wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j$ [illegible] $+ j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j$ [illegible] $- j^{ik}_{sa} \leq j^{s}$ [illegible] $j_i + j_{sa} - s \wedge j$ [illegible] $+ s$ [illegible] $j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}$ [illegible] $- j^{ik}_{sa} + 1$ [illegible] $\wedge \mathbf{l_{sa}} +$ [illegible] $^{ik} - j_{sa} = \mathbf{l}$ [illegible] $\wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D$ [illegible] $\mathbf{n} < n \wedge I =$ [illegible] $> 0 \wedge$

$\{j^{s}_{sa}, \cdots$ [illegible] $, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}$ [illegible] $, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s$ [illegible]

$\mathbb{k}_z: z = 3$ [illegible] $= \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <$ [illegible] $\wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_i}-\mathbf{l}-s+2)} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\boldsymbol{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l_i})!}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i})! \cdot (\boldsymbol{n} - j_i)!}$$

$D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i + j_{sa} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_s} \wedge \boldsymbol{l_i} + j_{sa} - s = \boldsymbol{l_{sa}}$

$\big((D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \boldsymbol{n} < n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

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$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSS1} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\Bbbk-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_{[illegible]}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, [illegible] \mathrm{j_{sa}}, \cdots, [illegible]\} \wedge$

$\mathrm{s} \geq 6 \wedge [illegible] = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge [illegible] = \mathbb{k}_1 + [illegible]) \vee$

$(\mathrm{D} [illegible] \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, [illegible] \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq [illegible] \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\mathbf{l}} \sum_{(j_s = \mathbf{l_{ik}} + \mathbf{n} - D + 1)}^{(\mathbf{l_s} - \mathbf{l})}
$$

$$
\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_s)}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_{is} = Q10; + Q5;}^{n} \sum_{(n_{ik} = n_{is} - j_s + 1)}^{(n_i - j_s +)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} = D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_i}-\mathbf{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{sa}-\mathbb{k}_1-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i-j_{sa}-2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n}$ $\wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}$ $1 \leq j_{ik} \leq j$ $+ j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} +$ $- j_{sa}^{ik} \leq j^{s}$ $j_i + j_{sa} - s \wedge j$ $+ s$ $j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}$ $- j_{sa}^{ik} + 1$ $\wedge \mathbf{l_{sa}} +$ $^{ik} - j_{sa} = \mathbf{l}$ $\wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D$ $\mathbf{n} < n \wedge I =$ $; > 0 \wedge$

$\{j_{sa}^{s}, \cdots$ $, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}$ $\cdot, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7$ $\wedge \mathbf{s} = s$

$\mathbb{k}_z: z = 3$ $\mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <$ $\wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \wedge$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

$$ \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\mathbf{l}-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i+j_{sa} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_s} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3 \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_{sa}}) \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_1, \mathrm{j_{sa}}, \cdots, \mathbb{k}_2, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

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$$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$$

$$D + 1 - n < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$$

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$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1)) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DS}_{j_s, j_{ik}, j_i} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}
$$

$$
\sum_{j_{ik}} \sum_{+j_{sa}^{ik} - j_{sa}} \sum_{(\ = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1}
$$

$$
\sum_{n_i = \ ; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_i} - s + 1 > \mathbf{l_s} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, [illegible] j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s [illegible] 6 \wedge \mathbf{s} = [illegible] + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = [illegible] + \mathbb{k}_2) \vee$

$(D \geq [illegible] < n \wedge I = Q5; [illegible] 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1 [illegible] ^{ik}, j_{sa}, \cdots [illegible] sa\} \wedge$

$s [illegible] \wedge [illegible] = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge [illegible] = \mathbb{k}_1) \vee$

$([illegible] < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \cdots, \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}^{\mathrm{i}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DSST}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k=l}} \sum_{(\mathrm{j_s}\ \ \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1)}^{(\ \ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}}} \sum_{(\ \ \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})\ \mathrm{j_i}=\mathbf{l_i}+\ \ \mathrm{D}}^{(\ \ )} \sum_{\ \ +\mathrm{s}-\mathbf{l}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10}\ \ \mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}\ \ \mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\ \ \mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}\ \ \mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ \ )} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i}\ \ \mathrm{j_{sa}}\ \ \mathrm{j^{sa}}-2\ \ \mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1\ \ \mathbb{k}_2-\mathbb{k}_3)\ \ (\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!} \cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!} \cdot
$$

$$
\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}
$$

$((\mathrm{D}\ \ \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \ \ -\mathbf{n}+1$

$2 \leq \mathbf{l} \leq \mathrm{D}\ \ \mathbf{l_s}+\mathrm{s}-\mathbf{n}\ \ \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}\ \ \wedge \mathrm{j_s}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s} \wedge \mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}\ \ \mathbf{l} = \mathbf{l_s} \wedge \mathbf{l_{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D}-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1 \wedge \mathrm{j_s}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s} \wedge \mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}_{\mathrm{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j}_{\mathrm{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1)) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3)$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \cdots, \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}^{\mathrm{i}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DSST}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=\mathbf{l}} \sum^{(\ )}_{(\mathrm{j_s}\ \ \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1)}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}}} \sum^{(\mathbf{l_{sa}}-\mathbf{l}+\ \ )}_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}\ \ -\mathrm{D}-\mathrm{s})\ \mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\ \ }
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10}\ \ \mathrm{Q5};\ (\mathrm{n_{is}}=\mathbf{n}\ \ \mathrm{j_s}+1)\ \mathrm{n_{ik}}=\ \ \mathrm{j_{ik}}-\mathbb{k}_1}^{\mathrm{n}} \sum^{(\ \ -\mathrm{j_s}+1)}
$$

$$
\sum^{(\ )}_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}\ \ \mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)\ \mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}-\mathbb{k}_3} \sum
$$

$$
\frac{(\mathrm{n_i}\ \ \mathrm{j_{sa}}\ \ \mathrm{j}^{\mathrm{sa}}-2\ \ -\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1\ \ \mathbb{k}_2-\mathbb{k}_3)\ \ (\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j}^{\mathrm{sa}}-2\cdot\mathrm{s})!} \cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!} \cdot
$$

$$
\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}
$$

$((\mathrm{D}\ \ \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \ \ -\mathbf{n}+1$

$\ \ \leq \mathbf{l} \leq \mathrm{D}\ \ \mathbf{l_s}+\mathrm{s}-\mathbf{n}\ \ \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}\ \ \wedge \mathrm{j_s}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}\ \ \ \ = \mathbf{l_s} \wedge \mathbf{l_{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D}-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1 \wedge \mathrm{j_s}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}}+\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}-\mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}}^{} -j_{ik}-\mathbb{k}_1
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{j_s=n_{sa}+j^{sa}-j_i-}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \mathbb{k}_1-\mathbb{k}\ -\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}\ -\mathbb{k}_3)!\ +j_i+j\ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ -j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$$
((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}\ +1 \wedge
$$

$$
2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge
$$

$$
2 \leq j\ \leq j_{ik}-j^{ik}_{sa}+\ \wedge j_s+j^{ik}_{sa}-1 \leq\ j^{sa}+j^{ik}_{sa}-j_{sa} \wedge
$$

$$
j_{ik}+j_{sa}-j^{ik}_{sa}\ \ {}^{sa} \leq j_i+\ -s \wedge\ +s-j_{sa} \leq j_i \leq \mathbf{n} \wedge
$$

$$
\mathbf{l_{ik}}\ -j^{ik}+1=\mathbf{l_s} \wedge \mathbf{l}\ +j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee
$$

$$
(D \geq \mathbf{n} < \wedge \mathbf{l_s} > D-\ +1 \wedge
$$

$$
2 \leq \mathbf{l}\ \leq D+\mathbf{l_s}\ \ \mathbf{n}-\mathbf{l_i} \wedge
$$

$$
2 \leq j_s \leq j\ -j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge
$$

$$
+j\ \ {}^{ik}_{sa} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge
$$

$$
\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee
$$

$$
(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge
$$

$$
2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge
$$

$$
2 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge
$$

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$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1)$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l}$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_i} - \mathrm{s} + 1 \geq \mathbf{l} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{l})} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\Bbbk_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)!}{(n_i - \boldsymbol{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\boldsymbol{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\boldsymbol{l_s} - \boldsymbol{l} - 1)!}{(\boldsymbol{l_s} - j_s - \boldsymbol{l} + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - \boldsymbol{l}_{\boldsymbol{i}}}{(D + j_i - \boldsymbol{n} - \boldsymbol{l_i}) \cdot (\boldsymbol{n} - j_i)!}$$

$\big((D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} > D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} - \boldsymbol{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik}$ [illegible] $\wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge$ [illegible] $+ s - j_{sa}$ [illegible] $\leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} + 1 = \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}} + j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}}$ [illegible] $\wedge \boldsymbol{l_i} + j_{sa} - s >$ [illegible] $) \vee$

$(D \geq \boldsymbol{n} < n \wedge \boldsymbol{l_s} \leq D - \boldsymbol{n} + 1 \wedge$

$2 \leq \boldsymbol{l} \leq D + \boldsymbol{l_s} + s - \boldsymbol{n} -$ [illegible]

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s +$ [illegible] $- 1 \leq j_{ik} \leq$ [illegible] $+ j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ [illegible] $\leq j_i + j_{sa} - s$ [illegible] $^{sa} + s -$ [illegible] $a \leq j_i \leq \boldsymbol{n} \wedge$

$\boldsymbol{l_{ik}} - j_{sa}^{ik} +$ [illegible] $= \boldsymbol{l_s} \wedge \boldsymbol{l_{sa}}$ [illegible] $j_{sa}^{ik} - j_{sa} = \boldsymbol{l_{ik}}$ [illegible] $\boldsymbol{i} + j_{sa} - s > \boldsymbol{l_{sa}} \wedge$

$D + s - \boldsymbol{n} < \boldsymbol{l_i} \leq$ [illegible] $+ \boldsymbol{l_s} +$ [illegible] $\boldsymbol{n}$ [illegible] $)) \wedge$

$\big((D \geq$ [illegible] $< n \wedge I = Q5$ [illegible] $0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1$ [illegible] $^{ik}, \Bbbk_2, j$ [illegible] $\cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s >$ [illegible] $\wedge$ [illegible] $= s + Q5; \wedge$

$\Bbbk_z: z = 3 \wedge$ [illegible] $= \Bbbk_1 + \Bbbk_2 + \Bbbk_3) \vee$

$(D$ [illegible] $< n \wedge I = Q5; > 0 \wedge$

$\boldsymbol{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \boldsymbol{s} = s + Q5; \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_2 + \Bbbk_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \quad) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad \mathrm{I} = \mathrm{Q5}; \quad 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \quad \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \quad = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \quad = \mathbb{k}_3)) =$

$$_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}^{ik}}-\mathrm{D}-\mathrm{s}}^{\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l}-\mathrm{j_{sa}}+1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \leq j^{sa}+j_{sa}^{ik}- \ \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s- \ \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \ +j_{sa} \ \mathbf{a}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+ \ -\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge \ +j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D- \ +1 \wedge$

$2 \leq \ \leq \ +\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

$$ \sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-1)!}$$

$$\frac{(D-\mathbf{l}-1)!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\big((D\geq\mathbf{n}<n\wedge\mathbf{l_s}>D-\mathbf{n}+1\wedge$$

$$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}})\vee$$

$$(D\geq\mathbf{n}<n\wedge\mathbf{l_s}>D-\mathbf{n}+1\wedge$$

$$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}})\vee$$

$$(D\geq\mathbf{n}<n\wedge\mathbf{l_s}>D-\mathbf{n}+1\wedge$$

$$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}})\vee$$

$$(D\geq\mathbf{n}<n\wedge\mathbf{l_s}>D-\mathbf{n}+1\wedge$$

$$2\leq\mathbf{l}\leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}\wedge$$

$$2\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} - \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_i} - \mathrm{s} + 1 > \mathbf{l_s} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \Bbbk_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \Bbbk_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \Bbbk_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\Bbbk_z: z = 1 \wedge \Bbbk = \Bbbk_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \Bbbk - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \Bbbk_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \Bbbk_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \Bbbk_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)!}{(n_i - \mathbf{n} - \Bbbk_1 - \Bbbk_2 - \Bbbk_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1)\big) \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

$\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$$

$$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$$

$$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$$

$$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$$

$$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$$

$$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$$

$$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$$

$$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$\mathrm{S}_{\mathrm{i}\ \mathrm{j}_{\mathrm{sa}}\ \mathrm{n}_{\mathrm{i}}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j}_{\mathrm{s}}=\mathbf{l}_{\mathbf{i}}+\mathbf{n}-\mathrm{D}-\mathrm{s}+1)}^{(\mathbf{l}_{\mathbf{ik}}-\mathbf{l}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+2)}$$

$$\sum_{\mathrm{j}_{\mathrm{ik}}=\mathrm{j}_{\mathrm{s}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j}_{\mathrm{ik}}+\mathrm{j}_{\mathrm{sa}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})}^{(\ )} \sum_{\mathrm{j}_{\mathrm{i}}=\mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j}_{\mathrm{sa}}}$$

$$\sum_{\mathrm{n}_{\mathrm{i}}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n}_{\mathrm{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j}_{\mathrm{s}}+1)}^{(\mathrm{n}_{\mathrm{i}}-\mathrm{j}_{\mathrm{s}}+1)} \sum_{\mathrm{n}_{\mathrm{ik}}=\mathrm{n}_{\mathrm{is}}+\mathrm{j}_{\mathrm{s}}-\mathrm{j}_{\mathrm{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n}_{\mathrm{sa}}=\mathrm{n}_{\mathrm{ik}}+\mathrm{j}_{\mathrm{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)}^{(\ )} \sum_{\mathrm{n}_{\mathrm{s}}=\mathrm{n}_{\mathrm{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j}_{\mathrm{i}}-\mathbb{k}_3}$$

$$\frac{(\mathrm{n}_{\mathrm{i}} + \mathrm{j}_{\mathrm{i}} + \mathrm{j}_{\mathrm{sa}} - \mathrm{j}^{\mathrm{sa}} - 2 \cdot \mathrm{s} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(\mathrm{n}_{\mathrm{i}} - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + \mathrm{j}_{\mathrm{i}} + \mathrm{j}_{\mathrm{sa}} - \mathrm{j}^{\mathrm{sa}} - 2 \cdot \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l}_{\mathbf{s}} - \mathbf{l} - 1)!}{(\mathbf{l}_{\mathbf{s}} - \mathrm{j}_{\mathrm{s}} - \mathbf{l} + 1)! \cdot (\mathrm{j}_{\mathrm{s}} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l}_{\mathbf{i}})!}{(\mathrm{D} + \mathrm{j}_{\mathrm{i}} - \mathbf{n} - \mathbf{l}_{\mathbf{i}})! \cdot (\mathbf{n} - \mathrm{j}_{\mathrm{i}})!}$$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l}_{\mathbf{s}} > \mathrm{D} - \mathbf{n} + 1 \wedge$

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$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

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$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_i} - \mathrm{s} + 1 > \mathbf{l_s} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1)) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{\mathbf{l}=\mathbf{l}_{ik}}^{(\mathbf{l}_s - 1)} \sum_{(j_s = \mathbf{l}_i + \mathbf{n} - \mathbf{l}_s + 1)}
$$

$$
\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(\mathbf{n} = j_{ik} + j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + s - j_{sa}}
$$

$$
\sum_{\mathbf{n}=Q10;+Q5;}^{n} \sum_{(n_{is} = n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l}_s - \mathbf{l} - 1)!}{(\mathbf{l}_s - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l}_i)!}{(D + j_i - \mathbf{n} - \mathbf{l}_i)! \cdot (\mathbf{n} - j_i)!}
$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l}_s \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l}_s + s - \mathbf{n} - \mathbf{l}_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j_{sa}^{ik} + 1 = \mathbf{l}_s \wedge \mathbf{l}_{sa} + j_{sa}^{ik} - j_{sa} > \mathbf{l}_{ik} \wedge \mathbf{l}_i + j_{sa} - s = \mathbf{l}_{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l}_s \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l}_s + s - \mathbf{n} - \mathbf{l}_i \wedge$

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$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1)\big) \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=l} \sum_{(j_s = j_{ik} \cdots + 1)}$$

$$\sum_{j_{ik} = j^{sa} \cdots k - j_{sa}} \sum_{(j^{s} \cdots + j_{sa} - s)} \sum_{j_i \cdots + s - l - j_{sa}^{ik} + 1} \sum_{\cdots D - j_{sa}}$$

$$\sum_{n \cdots Q10; + Q5;} \sum_{(n_{is} = n \cdots - j_s + 1)} \sum_{(n_i - j_s + \cdots)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + j_i + \cdots - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} \cdots \mathbb{k}_1 \cdots \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$((D \cdots \mathbf{n} < n \wedge \cdots - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D \cdots \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$\cdots j_s \leq \cdots - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

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$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}})$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1)) \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DSST}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j^{ik}_{sa}}+1)}^{(\ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j^{ik}_{sa}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathbf{l_{sa}}+\mathbb{k}_2-\mathrm{D}-\mathrm{j_{sa}}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}}
$$

$$
\sum_{=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s}-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot
$$

$$
\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}
$$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j^{ik}_{sa}} + 1 \wedge \mathrm{j_s} + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j^{ik}_{sa}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j^{ik}_{sa}} + 1 \wedge \mathrm{j_s} + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j^{ik}_{sa}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1)) \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}+j_{sa}-\mathbf{l}-j^{ik}_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(n_{ik}=n_{ik}+j_{ik}-1-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{sa}+2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1)) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa},$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} <$ [illegible] $I = Q5; > 0 \wedge$

[illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

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$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i+j_i+j_{sa}-j^{s}\ \mathbb{k}_1-\ \mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}\ \mathbb{k}_3)!\ \mathbf{n}+j_i\ -2\cdot s)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s\ +1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D\ j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}
$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \ 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j\ \leq j_{ik} - j^{ik}_{sa} + \ \wedge j_s + j^{ik}_{sa} - 1 \ \ j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa}\ \ {}^{sa} \leq j_i\ \ - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}\ \ {}^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \ + j^{ik}_{sa} - \ > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n}\ \ \wedge \mathbf{l_s} \leq D - \ + 1 \wedge$

$2 \leq \mathbf{l}\ \ D + \mathbf{l_s}\ \ - \mathbf{l_i} \wedge$

$1 \leq j_s \leq j\ \ - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$\ + j_{sa}\ \ {}^{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{\ +j_s-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\ \ j_{ik}\ \ \mathbb{k}_2)}^{(\ )} \sum_{n_s=\ \ +j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n\ \ + j_i + j_{sa}\ \ ^{sa} - 2\ \ - \mathbb{k}_1 - \mathbb{k}_2\ \ )!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \ \ )! \cdot (\mathbf{n} + \ \ + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s}\ \ \mathbf{l} - 1)!}{(\mathbf{l_s}\ \ j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l}\ \ D + \mathbf{l_s} + s\ \ \mathbf{n} - \mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik} - j\ \ + 1 \wedge j_s\ \ j^{ik}_{sa} - 1\ \ j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + \ \ - j^{ik}_{sa} \leq j^{sa}\ \ + j_{sa} - \ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + \ \ = \mathbf{l_s} \wedge \mathbf{l_{sa}}\ \ ^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq\ \ < n \wedge \mathbf{l_s}\ \ \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D\ \ \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

$\ \ \leq j_s \leq\ \ - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq D + \mathbf{l_s} + s - \mathbf{n} - \mathbf{l_i} \wedge$

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$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \boldsymbol{\mathrm{n}} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} - 1) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \boldsymbol{\mathrm{n}} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} - 1) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \boldsymbol{\mathrm{n}} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \boldsymbol{\mathrm{n}} - 1)) \wedge$

$((\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}$$

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$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}-j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_{ik}-\mathbf{l}+j_{sa})!\cdot(j_s-2)!}$$

$$\frac{(D+j_{sa}-\mathbf{l_s})!}{(D+j_{sa}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{l_s} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \quad) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; \quad 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \quad \cdots, j_{sa}^{i}$

$s \geq 5 \quad = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \quad = \mathbb{k}_2) \vee$

$(D \quad n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j \quad sa, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \quad = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$${}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}-j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l}_s-\mathbf{l}-1)!}{(\mathbf{l}_s-\mathbf{l}-1)!\cdot(j_s-2)!}$$

$$\frac{(D\ \ )}{(D+\ \ -\mathbf{n}-\mathbf{l}_i)!\cdot(\mathbf{n}-j_i)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 = \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathbf{l} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - \mathbf{l_i} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1)) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right.$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} =$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n}$ $\mathrm{I} = \mathrm{Q5};$ $0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}},\right.$ $\mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}$

$\mathrm{s} \geq 5$ $= \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge$ $= \mathbb{k}_3)\big) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-\ \ )!}$$

$$\frac{(D-\ \ )}{(D+j_i-\mathbf{n}-\mathbf{l_i})\ (\mathbf{n}-j_i)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}$ [illegible] $\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge$ [illegible] $+s-j_{sa}$ [illegible] $\leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}$ [illegible] $\wedge \mathbf{l_i}+j_{sa}-s$ [illegible] $) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l}$ [illegible]

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+$ [illegible] $-1 \leq j_{ik} \leq$ [illegible] $+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq$ [illegible] $\leq j_i+j_{sa}-s$ [illegible] $^{sa}+s-$ [illegible] $a \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+$ [illegible] $\mathbf{l_s} \wedge \mathbf{l_{sa}}$ [illegible] $j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}$ [illegible] $\mathbf{i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n} < \mathbf{l_{ik}}$ [illegible] $D+\mathbf{l_s}$ [illegible] $-1)\big) \wedge$

$\big((D \geq$ [illegible] $< n \wedge I=Q5;$ [illegible] $0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1,$ [illegible] $\mathbb{k}_2$ [illegible] $\cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq$ [illegible] $\wedge s$ [illegible] $s+Q5; \wedge$

$\mathbb{k}_z: z=3$ [illegible] $\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \quad) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad \mathrm{I} = \mathrm{Q5}; \quad 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \quad \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \quad = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \quad = \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathbf{l_{ik}}+\mathrm{s}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}^{ik}}}^{\mathbf{l_s}+\mathrm{s}-\mathbf{l}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-\ \ )!}$$

$$\frac{(D-\ \ )}{(D+j_i-\mathbf{n}-\mathbf{l_i})\ \ (\mathbf{n}-j_i)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa}\ \ \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s\ \ \ \ _{sa}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l}$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+\ \ -1 \leq j_{ik} \leq\ \ +j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq\ \ \leq j_i+j_{sa}-s\ \ \ ^{sa}+s-\ \ _{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+\ \ \ \mathbf{l_s} \wedge \mathbf{l_{sa}}\ \ j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}}\ \ \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n} < \mathbf{l_{ik}}\ \ D+\mathbf{l_s}\ \ _{sa}^{ik}\ \ \ -1)\big) \wedge$

$\big((D \geq\ \ < n \wedge I = Q5;\ \ 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1,\ \ \mathbb{k}_2\ \ \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s\ \ \ \wedge\ \ s+Q5;\wedge$

$\mathbb{k}_z: z = 3\ \ \ = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5;\wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}} = \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}} = \mathbf{l_{ik}} + \mathbf{n} + \mathrm{j_{sa}} - \mathrm{D} - \mathrm{j_{sa}^{ik}})}^{(\mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{l})} \sum_{\mathrm{j_i} = \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n}-1 \leq D-\mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n}-1 \leq D-\mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_{ik}} + \mathbf{n} - D - j_{sa}^{ik} + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)} $$

$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\ \ 1)!\cdot\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ !}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}+\ -j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ \ s-j_{sa} \leq j_i \leq\ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ \ _{sa}-s=\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>\ \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q\ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \ \mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ \ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ \ Q5;\wedge$

$\mathbb{k}_z\ =\ \ \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <\ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_i} - \mathbf{l} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}})\Big) \wedge$

$\Big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{s}+1}^{\mathbf{l_{sa}}+\mathrm{j_{sa}}-\mathbf{l}-\mathrm{s}+1}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot
$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\Big((\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq\mathrm{D}-\mathbf{n}+1\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}<\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}>\mathbf{l_{sa}})\Big)\wedge$

$((\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};=0\wedge$

$\mathbf{s}:\{\mathrm{j_{sa}^{s}},\cdots,\mathbb{k}_1,\mathrm{j_{sa}^{ik}},\cdots,\mathbb{k}_3,\mathrm{j_{sa}^{i}}\}\wedge$

$\mathrm{s}\geq 7\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_z:\mathrm{z}=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};>0\wedge$

$\mathbf{s}:\{\mathrm{j_{sa}^{s}},\cdots,\mathrm{j_{sa}^{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathbb{k}_3,\mathrm{j_{sa}^{i}}\}\wedge$

$\mathrm{s}\geq 6\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_z:\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{s}+1}^{\mathbf{l_{ik}}+\mathrm{j_{sa}^{ik}}-\mathbf{l}-\mathrm{s}+1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1 = \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

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$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{s} + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \boldsymbol{\mathrm{n}}) \wedge$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l}_s + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\quad-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \quad_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\quad-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}-s-j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\quad_{sa}-s=\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>\quad \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q\quad \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\quad 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\quad_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\quad_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\quad Q5; \wedge$

$\mathbb{k}_z\quad=\quad \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}})\Big) \wedge$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathbf{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} \; \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} \; \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}})\Big) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; = 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} =$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n}$ $\mathrm{I} = \mathrm{Q5}$; $0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}},$ $\mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}$

$\mathrm{s} \geq 5$ $= \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge$ $= \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}+1)}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}^{ik}}-\mathbf{l}-\mathrm{s}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - 1)! \cdot (\mathbf{l} - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{l} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathbf{l})!}$$

$$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}})$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - s + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq D + s - \mathbf{n}) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\ \ 1)!\cdot\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ !}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}+\ -j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ \ s-j_{sa} \leq j_i \leq\ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ \ _{sa}-s=\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>\ \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q\ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \ \mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ \ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ \ Q5;\wedge$

$\mathbb{k}_z\ =\ \ \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <\ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}})\Big) \wedge$

$\Big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}
$$

$$
\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l}-\mathrm{j_{sa}}+1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}^{(\ )} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}-\mathbb{k}_3}
$$

$$
\frac{(\mathrm{n_i}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(\mathrm{n_i}-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-2\cdot\mathrm{s})!}\cdot
$$

$$
\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathbf{l}+1)!\cdot(\mathrm{j_s}-2)!}\cdot
$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\Big((\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_s}\leq\mathrm{D}-\mathbf{n}+1\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}})\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l}\neq\ {}_{\mathbf{i}}\mathbf{l}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\mathbf{n}\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}>\mathbf{l_{sa}})\Big)\wedge$

$((\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};=0\wedge$

$\mathbf{s}:\{\mathrm{j_{sa}^{s}},\cdots,\mathbb{k}_1,\mathrm{j_{sa}^{ik}},\cdots,\mathbb{k}_3,\mathrm{j_{sa}^{i}}\}\wedge$

$\mathrm{s}\geq 7\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_z:\mathrm{z}=3\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3)\vee$

$(\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};>0\wedge$

$\mathbf{s}:\{\mathrm{j_{sa}^{s}},\cdots,\mathrm{j_{sa}^{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathbb{k}_3,\mathrm{j_{sa}^{i}}\}\wedge$

$\mathrm{s}\geq 6\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_z:\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_2+\mathbb{k}_3)\vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}} = \mathrm{j_{sa}^{ik}} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(\mathrm{j^{sa}} = \mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i} = \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

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$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \boldsymbol{\mathrm{n}} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \boldsymbol{\mathrm{n}} \wedge$

$\mathbf{l_{ik}} - \mathrm{s} + \ldots > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \ldots) \wedge$

$(\ldots \geq \boldsymbol{\mathrm{n}} \ldots \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \boldsymbol{\mathrm{n}} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l} \neq\ _{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ -j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq\ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s=\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>\ \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q\ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \mathbb{k}=\mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ _{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ Q5;\wedge$

$\mathbb{k}_z\ =\ \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <\ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa},\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_i}-\mathbf{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}})\Big) \wedge$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathbf{s}: \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}} - \mathbf{l} - j_{sa} + 2)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\Big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} \; \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}}) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} < \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}})\Big) \wedge$

$((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; = 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} =$ $) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n}$ $\mathrm{I} = \mathrm{Q5}$; $0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}$

$\mathrm{s} \geq 5$ $= \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge$ $= \mathbb{k}_3)) =$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+2)} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - 1)! \cdot (\mathbf{l} - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{l} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathbf{l})!}$$

$$\Big((D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}}) \vee$$

$$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

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$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}})$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l} \neq \ {}_{\mathbf{i}}\mathbf{l} \wedge \mathbf{l_s} \leq D - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - s + 1 > \mathbf{l_s} \wedge$

$\mathbf{l_i} \leq D + s - \mathbf{n}) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=2)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ , j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_i} - \mathbf{l} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j \ldots \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \ldots \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\ldots \mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = Q \ldots ; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{\ldots j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum_{j_i = \mathbf{l_{ik}} + \mathbf{l_{sa}} + s - \mathbf{l} - j^{ik}_{sa} + 1}^{\mathbf{l_{ik}} + s - \mathbf{l} - j^{ik}_{sa} + 1 \ldots D - j^{ik}_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s \ldots)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} \ldots}
$$

$$
\sum^{(\ )}_{(\ldots = n_{ik} + j_{ik} \ldots sa - \mathbb{k}_2)} \sum_{n_s = n_{is} \ldots - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} \ldots 2 \cdot s - \ldots - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ldots - \mathbb{k}_2 - \mathbb{k}_3)! \ldots + j_i + \ldots_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\ldots - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \mathbf{l_s} > \ldots \mathbf{n} + 1 \wedge$

$2 \ldots j_s \leq j_{ik} - \ldots + 1 \wedge j \ldots j^{ik}_{sa} - 1 \ldots j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots_{sa} - j^{ik}_{sa} \leq j^{sa} \ldots_i + j_{sa} \ldots \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\ldots_{ik} - j^{ik}_{sa} \ldots 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge \ldots > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$\ldots > 7 \wedge \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum^{\mathbf{l_s} + s - \mathbf{l}}_{j_i = \mathbf{l_s} + \mathbf{n} + s - D - 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ ^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j_{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-\mathbf{l}-j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=0}^{n} \sum_{;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(\ -j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})} \sum^{\mathbf{l_s}+s-}_{=\mathbf{l_i}+\mathbf{n}-D}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+1)}_{(n_{is}=\mathbf{n}+\mathbb{k}-j} \sum_{n_{ik}=n_{is}+j_s-j_{i}} \sum_{\mathbb{k}_1}
$$

$$
\sum^{(\ )}_{a=n_{ik}+j_{i}} \sum_{(j^{sa}-\mathbb{k}_2)\ n_s} \sum_{-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{} \quad 2 \cdot s - \quad - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \quad - \mathbb{k}_2 - \mathbb{k}_3)! \ \mathbf{n} + j_i + \quad - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \quad - \mathbf{n} + 1 \wedge$

$2 \quad j_s \leq j_{ik} - \quad + 1 \wedge \quad + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \quad j_{sa} - j^{ik}_{sa} \leq j^{s} \quad j_i + j_{sa} \quad j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j^{ik}_{sa} \quad 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \quad = Q \quad > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, \quad j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\geq 7 \wedge \mathbf{s} \quad s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum^{\mathbf{l_i} - \mathbf{l} + 1}_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ = \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j_{ik} + \mathbf{l_{ik}} - \mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa} = j_{sa} + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = Q5; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+\mathbf{l_s}-D-j^{ik}_{sa}}^{\mathbf{l_i}-\mathbf{l}+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_s=n_{ik}+j_{ik}-(j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=\ldots-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ldots - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ldots - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\ldots - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \ldots < n \wedge \mathbf{l_s} > \ldots - \mathbf{n} + 1 \wedge$

$2 \ldots j_s \leq j_{ik} - \ldots + 1 \wedge \ldots + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} - j^{ik}_{sa} \leq j^{sa} \ldots j_i + j_{sa} \ldots \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\ldots - j^{ik}_{sa} \ldots 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots {}^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge \ldots > 0 \wedge$

$\mathbf{s}: \{\ldots_{sa}, \cdots, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ldots \geq 7 \wedge \mathbf{s} \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+\mathbf{n}+s-D-j_{sa}^{ik}}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ ^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: (j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{ik}} + \mathbf{n} + s - D - j_{sa}^{ik}}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=l}^{(\ )} \sum_{(j_s = j_{ik} + l_s - l_{ik})}
$$

$$
\sum_{j_{ik}} \sum_{(\ )} \sum_{(j^{sa} = j_{ik} + l_{ik} - l_{sa}\ (j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_s + n + s - D - 1}^{l_i - l + 1}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = n + \mathbb{k} - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}\ldots+s-D-1}^{\mathbf{l_{sa}}+s-\mathbf{l}-j_{sa}+\ldots}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j\ldots)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{\ldots}\ldots_1}^{\ldots}
$$

$$
\sum_{\ldots a=n_{ik}+j\ldots(j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s\ldots-j_i-\mathbb{k}_3}^{\ldots}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{\ldots} - 2 \cdot s - \ldots - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ldots - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ldots - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l}\ldots - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \ldots - \mathbf{n} + 1 \wedge$

$2\ldots j_s \leq j_{ik} - \ldots_{ik} + 1 \wedge \ldots + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} - j^{ik}_{sa} \leq j^{s}\ldots j_i + j_{sa} \ldots j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}\ldots_k - j^{ik}_{sa} \ldots 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ldots = Q\ldots > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ldots \geq 7 \wedge \mathbf{s} \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_s} + \mathbf{n} + s - D - 1}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{= j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}}^{(\mathbf{l_{sa}} - \ )} \sum_{= \mathbf{l_{sa}} + \mathbf{n} - D)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q}^{n} \sum_{; + Q5;\ (n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j^{ik}_{sa} + 1)}_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j^{ik}_{sa})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum^{n}_{n_i = Q10; + Q5;} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s} \sum_{n_{ik} = n_{is} + j_s - j_{ik}}
$$

$$
\sum^{(\ )}_{=n_{ik} + j_{ik} - \mathbb{k}_2)} \sum_{n_s = n_{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (j_i + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(j_s - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_s + 1 \wedge j_{sa} \leq j^{ik}_{sa} - 1 \wedge j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} - j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_s} + j_{sa} - \mathbf{l})}_{(j^{sa} = \mathbf{l_s} + \mathbf{n} + j_{sa} - D - 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > \ $

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ = \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{a=n_{ik}+j_{ik}} \sum_{(j_{isa}-\mathbb{k}_2)\ n_s} \sum_{-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} - j_{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{\ = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(\mathbf{l_s} + j_{sa}\ \ = \mathbf{l_{sa}} + \mathbf{n} - D)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q\ \ ; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_i} + j_{sa} - \mathbf{l} - s + 1)}_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j^{ik}_{sa})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum^{n}_{n_i = Q10; + Q5;} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s)} \sum_{n_{ik} = n_{is} + j_s - j_{ik}}
$$

$$
\sum^{(\ )}_{(n_{ik} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{is} + j_s - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{l} - \mathbf{n} + 1 \wedge$

$2 \cdot \mathbf{l} \leq j_s \leq j_{ik} - \mathbf{l} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} = j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_{sa}} - \mathbf{l} + 1)}_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j_{sa}^{ik})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > \ $

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ = \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j_{sa}^{ik})}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j_{sa} + j_{sa} - \mathbf{l} - s} \sum_{(j^{sa} = \mathbf{l_{sa}} + j_{sa} - D - 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_s}+\mathbf{n}+j_{sa}-D-1)}^{(\mathbf{l_{sa}}-\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{a=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_s=\ \ -j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ \ - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ \ - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ \ - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l}\ \ - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \ \ - \mathbf{n} + 1 \wedge$

$2 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j^{s} \ \ j_i + j_{sa} \ \ \ \ j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j^{ik}_{sa} \ \ 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ ^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ \ = Q \ \ > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ \ \geq 7 \wedge \mathbf{s} \ \ s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 1)}_{(j^{sa} = \mathbf{l_s} + \mathbf{n} + j_{sa} - D - 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} - j_{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, \ldots, j_i}^{D5} = \sum_{k=l}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{\ldots = \mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1}^{\ldots + j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1} \sum_{\ldots = \mathbf{l_{sa}} + \ldots - D - j_{sa}}^{(\ )} \sum_{(j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = \ldots ; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{\ldots - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(j_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=\ldots-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ldots - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ldots - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ldots - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \ldots - \mathbf{n} + 1 \wedge$

$2 \ldots j_s \leq j_{ik} - \ldots_{ik} + 1 \wedge \ldots + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} - j^{ik}_{sa} \leq j^{s} \ldots j_i + j_{sa} \ldots j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j^{ik}_{sa} \ldots 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ldots = Q1 \ldots > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ldots \geq 7 \wedge \mathbf{s} \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = \mathbf{l_s} + \mathbf{n} + j_{sa}^{ik} - D - 1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > \ $

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D} = \sum_{k=l}^{(\ )} \sum_{(j_s = j_{ik} + l_s - l_{ik})}
$$

$$
\sum_{j_{ik} = l_{ik} - j_{sa}^{ik} - D - s}^{l_{ik} - l + 1} \sum_{(j_{ik} + l_{sa} - l_{ik})}^{(\ )} \sum_{j_i = j^{sa} + l_i - l_{sa}}
$$

$$
\sum_{n_i = 0}^{n} \sum_{(n_{is} = n + \mathbb{k} - j_s + 1)}^{(\ )} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s}^{\mathbf{l_s}+j^{ik}_{sa}-\mathbf{l}} \sum^{(\ )}_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+1)}_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum^{(\ )}_{(n_s=n_{ik}+j_{ik}^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbf{l_s} - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbf{l_s} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{l} - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} - j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} - j_{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z\text{:}\, z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}\text{:} \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z\text{:}\, z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}\text{:} \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z\text{:}\, z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},n,j_i}^{DS} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q5;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+j^{ik}_{sa}-\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_{sa}=n_{ik}+j_{ik}-(j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{l_{ik}} - \mathbf{n} + 1 \wedge$

$2 \cdot j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - j^{ik}_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_s} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\quad 1)!\cdot\quad -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \quad j_{ik} \leq j^{sa} + \quad^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \quad_{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > \quad$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \quad \wedge$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \quad 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \quad j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \quad_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \quad Q5; \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \quad, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = \mathbf{l_s}}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum_{j_{sa}^{ik} - D - 1}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5;+Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\mathbf{l_s}+\mathbf{n}+j^{ik}_{sa}-D-1}^{\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbf{l} - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbf{l} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{l_{sa}} - \mathbf{n} + 1 \wedge$

$2 \cdot \mathbf{l} \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} - j^{ik}_{sa} \leq j_i + j_{sa} - j^{ik}_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_s} + \mathbf{n} + j_{sa}^{ik} - D - 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ = \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_i}-\mathbf{l}-s+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$\mathrm{DSST}_{f_z, j_{ik}, j^{sa}, j_i} \sum_{(\mathbf{l_{sa}} = j_{sa}+2)} \sum_{(j_s = \mathbf{l_{sa}} + \mathbf{n} - D - j_{sa}+1)}$$

$$\sum_{j_s = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j_{ik} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}$$

$$\sum_{n_i = Q5; +Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j^{ik}_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{=n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=n_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(j_s - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} - j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge \ldots > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$> 7 \wedge \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\quad 1)!\cdot\quad -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \quad j_{ik} \leq j^{sa} + \quad^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \quad s - j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \quad j_{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > \quad$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \quad \wedge$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1 + \quad + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \quad 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \quad j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \quad_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \quad Q5; \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \quad, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$S_{j_s, j_{ik}, j^{sa}}^{DSST} = \sum_{k=l} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_i - j_{sa}^{ik} + 2)}$$

$$\sum_{j_s + l_{ik} - l_s} \sum_{(j_{ik} + l_{sa} - l_{ik})}^{(\ )} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = n + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{is})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{j_{ik}=\mathbb{k}_1}
$$

$$
\sum_{(\ )} \sum_{j_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\ } \sum_{j_i=\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \leq j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \leq j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_i}-\mathbf{l}-s+2)} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$\mathrm{f}_{z}^{\mathrm{DSST}}{}_{j_{ik}, j^{sa}, j_i} \sum_{\mathbf{l}=1}^{\mathbf{l}+1)} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}$$

$$\sum_{=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q5;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j^{ik}_{sa}+1)}^{(\mathbf{l_i}-\mathbf{l}-s+2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \mathbf{l} - \mathbf{n} + 1 \wedge$

$2 \cdot j_s \leq j_{ik} - \mathbf{l}_{ik} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_s} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - 1)! \cdot (\mathbf{l} - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{l} - \mathbf{l_i})! \cdot (\mathbf{n} - 1)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} > \mathrm{D} - \mathbf{n} + 1 \wedge$

$2 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i} = \sum_{k=\mathbf{l}}^{\mathbf{l}_i - \mathbf{l} - s + 2} \sum_{(j_s = \mathbf{l_s} + \mathbf{n} - D)}
$$

$$
\sum_{= j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D - \mathbf{n} + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{is})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{(j_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=\ldots-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ldots - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ldots - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ldots - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} > \ldots - \mathbf{n} + 1 \wedge$

$2 \ldots j_s \leq j_{ik} - \ldots_{ik} + 1 \wedge \ldots + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} - j^{ik}_{sa} \leq j^{s} \ldots j_i + j_{sa} \ldots \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j^{ik}_{sa} \ldots 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ldots = Q \ldots > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, \ldots j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ldots \geq 7 \wedge \mathbf{s} \ldots s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_s}+\mathbf{n}-D)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, \mathbb{k}_3, j_{sa}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{sa}} + s - \mathbf{l} - j_{sa} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

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$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

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$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

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$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

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$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum^{\mathbf{l_s} + s - \mathbf{l}}_{j_i = \mathbf{l_i} + \mathbf{n} - D} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_i} - \mathbf{l_{sa}})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \leq j^{sa}+j_{sa}^{ik}- \ \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s- \ \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}- j_{sa} = \mathbf{l_{ik}} \wedge \ +j_{sa} \ a) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+ \ -\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} \ ^{ik}_{sa}+1 \wedge \ +j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j \ \leq j_i+j_{sa} \ s \ ^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa} \ +1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \ j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \ \leq D+ \ +s-\mathbf{n}-1)\big) \wedge$

$\big((\ \geq \mathbf{n} \ n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_{sa}} - \mathbf{l} + 1)}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq \ \leq j^{sa}+j_{sa}^{ik}- \ \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s- \ \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}- j_{sa}=\mathbf{l_{ik}} \wedge \ +j_{sa} \ a) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+ \ -\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik} \ ^{ik}_{sa}+1 \wedge \ +j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j \ \leq j_i+j_{sa} \ s \ j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa} \ +1=\mathbf{l_s} \wedge \mathbf{l_{sa}} \ j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \ \leq D+ \ +s-\mathbf{n}-1)) \wedge$

$((\ \geq \ \ n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa},\cdots,\mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq \ \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik}, \mathbb{k}_2, j_{sa},\cdots,\mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathbf{l}-\mathrm{j_{sa}^{ik}}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\mathbf{l_{ik}} + j_{sa} - \mathbf{l} - j_{sa}^{ik} + 1)}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_s} + j_{sa} - \mathbf{l})}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\mathbf{l_s} + j_{sa} - \mathbf{l})}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}} = \mathrm{j^{sa}} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(\mathrm{j^{sa}} = \mathbf{l_i} + \mathbf{n} + \mathrm{j_{sa}} - \mathrm{D} - \mathrm{s})}^{(\mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{l})} \sum_{\mathrm{j_i} = \mathrm{j^{sa}} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\mathbf{l_s} + j_{sa} - \mathbf{l})}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\mathbf{l_s} + j_{sa} - \mathbf{l})}_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_i} + \mathbf{n} + j_{sa} - D - s)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

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$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l} - j_{sa} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

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$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

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$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

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$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

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$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

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$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}}_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\ \ 1)!\cdot\ \ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ \ -\mathbf{l_i})!\cdot(\mathbf{n}-\ \ !}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq\ \ \leq j^{sa}+j_{sa}^{ik}-\ \ \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-\ \ \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}\ \ -j_{sa}=\mathbf{l_{ik}} \wedge\ \ +j_{sa}\ \ \ \ a) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+\ \ -\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}\ \ ^{ik}_{sa}+1 \wedge\ \ +j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j\ \ \leq j_i+j_{sa}\ \ s\ \ ^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}\ \ j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \ \ \leq D+\ \ +s-\mathbf{n}-1)) \wedge$

$((\ \ \geq \mathbf{n}\ \ n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq\ \ \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = \mathbf{l_i} + \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}} = \mathbf{l_i} + \mathbf{n} + \mathrm{j_{sa}^{ik}} - \mathrm{D} - \mathrm{s}}^{\mathbf{l_s} + \mathrm{j_{sa}^{ik}} - \mathbf{l}} \sum_{(\mathrm{j^{sa}} = \mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i} = \mathrm{j^{sa}} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-j_{sa}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l_i})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum^{(\ )}_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{ik}} - \mathbf{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)} $$

$$ \sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_s} \leq D+\mathbf{l_i}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S_{j_s,\, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{ik}} - \mathbf{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)} $$

$$ \sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

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$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$$ \sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

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$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

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$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

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$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)} $$

$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)}^{(\mathbf{l_s} - \mathbf{l} + 1)} $$

$$ \sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)} $$

$$ \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathbf{l})!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_s} \leq D+\mathbf{l}+s-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

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$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_{ik}} + s - \mathbf{l} - j_{sa}^{ik} + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\ )}_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum^{\mathbf{l_s} + s - \mathbf{l}}_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{sa}} + \mathbf{n} + s - D - j_{sa}}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathbf{l}-\mathrm{j_{sa}^{ik}}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = \mathbf{l_{sa}} + \mathbf{n} - D)}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

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$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} $$

$$ \sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum^{(\ )}_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} $$

$$ \sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} $$

$$ \sum_{j_{ik} = \mathbf{l_{sa}} + \mathbf{n} + j_{sa}^{ik} - D - j_{sa}}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathbf{k=l}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )} $$

$$ \sum_{\mathrm{j_{ik}}=\mathbf{l_{sa}}+\mathbf{n}+\mathrm{j_{sa}^{ik}}-\mathrm{D}-\mathrm{j_{sa}}}^{\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-\mathbf{l}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{ik}} - \mathbf{l} - j_{sa}^{ik} + 2)} \sum_{(j_s = \mathbf{l_{sa}} + \mathbf{n} - D - j_{sa} + 1)} $$

$$ \sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5;> 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = \mathbf{l_{sa}} + \mathbf{n} - D - j_{sa} + 1)}^{(\mathbf{l_s} - \mathbf{l} - 1)} $$

$$ \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$\big((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}-\mathbf{l_{sa}} \leq D-\mathbf{l_s}+j_{sa}-\mathbf{n}-1)\big) \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}}+1)}^{(\mathbf{l_s}-\mathbf{l}-1)} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j_{sa}^{ik}}-1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_{sa}^{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n}-1 \leq D-\mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = \mathbf{l_{ik}} + s + \mathbf{n} - D - j_{sa}^{ik}}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n}-1 \leq D-\mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_1, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = \mathbf{l_{ik}} + \mathbf{n} + j_{sa} - D - j_{sa}^{ik})}^{(\mathbf{l_s} + j_{sa} - \mathbf{l})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l}-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n} \leq \mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )} $$

$$ \sum_{j_{ik} = \mathbf{l_{ik}} + \mathbf{n} - D}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

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$((D \geq \mathbf{n} < n \wedge \mathbf{l_s} > D-\mathbf{n}+1 \wedge$

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$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}) \vee$

$(D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$2 \leq \mathbf{l} \leq D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}^{ik}-\mathbf{n}-1 \leq D-\mathbf{l_s}+j_{sa}^{ik}-\mathbf{n}-1)) \wedge$

$((D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

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$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}, \mathrm{j_{ik}}, \mathrm{j^{sa}}, \mathrm{j_i}}^{\mathrm{DSST}} = \sum_{\mathrm{k}=\mathbf{l}} \sum_{(\mathrm{j_s}=\mathbf{l_{ik}}+\mathbf{n}-\mathrm{D}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}^{(\mathbf{l_s}-\mathbf{l}+1)} $$

$$ \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s=\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ ,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\ \wedge$

$\mathbb{k}_z: z=3 \wedge \ =\mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ +Q5;\wedge$

$\mathbb{k}_z\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: (j_{sa}\ ,\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_i} - \mathbf{l} + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j_{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j_i=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{sa}}+j_{sa}-\mathbf{l}-s+1}
$$

$$
\sum_{n_i=Q5;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{=s+1}^{\mathbf{l_{sa}}+j_{sa}-\mathbf{l}-s}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{a=n_{ik}+j_{ik}} \sum_{(j^{sa}-\mathbb{k}_2)\ n_s} \sum_{-j_i-\mathbb{k}_3}^{(\ )}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum_{j_i = s+1}^{\mathbf{l_{ik}} + j_{sa}^{ik} - \mathbf{l} - s + 1} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\quad 1)!\cdot\quad -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \quad j_{ik} \leq j^{sa}+\quad^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\quad s-j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\quad_{sa}-s>\mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I=Q5;>\quad$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\quad_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\quad \wedge$

$\mathbb{k}_z: z=3 \wedge \quad=\mathbb{k}_1+\quad+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\quad 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\quad j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\quad_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\quad Q5;\wedge$

$\mathbb{k}\quad \geq \quad \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}\quad,\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_{ik}} + j_{sa}^{ik} - \mathbf{l} - s + 1}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}} \sum_{a + j_{sa}^{ik} - j_{sa}}^{(\ )} \sum_{(j_i = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum_{j_i = s+1}^{\mathbf{l_{ik}} + j_{sa}^{ik} - \mathbf{l} - s + 1}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(\ _i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{\mathbf{l_{ik}}+j^{ik}_{sa}-\mathbf{l}-s+1}^{\mathbf{l_{ik}}+j^{ik}_{sa}-\mathbf{l}-s}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_s=n_{is}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} - j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s>\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ ,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\ \wedge$

$\mathbb{k}_z: z=3 \wedge \mathbb{k}=\mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ ,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ +Q5;\wedge$

$\mathbb{k}_z\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}\ ,\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}}^{(\ )} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = 0}^{n} \sum_{;+Q5;\ (n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(\ -j_s+1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}\ )}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s\ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}\ )}
$$

$$
\sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{is}+j_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \mathbf{l_s} - s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_s} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\ )}_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\quad 1)!\cdot\quad -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \quad j_{ik} \leq j^{sa}+\quad -j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\quad s-j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\quad j_{sa}-s > \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\quad j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+\quad \wedge$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1+\quad+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \quad 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \quad j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \quad \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \quad Q5; \wedge$

$\mathbb{k}_z \quad = \quad \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \quad, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = Q10; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{DS} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}} \sum_{(j^{sa} = j_i + \mathbf{l_{sa}} - \mathbf{l_i})} \sum_{j_i = s+1}^{\mathbf{l_s} + s - \mathbf{l}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_i}+j_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j_{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{j_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_s}^{(\ )} \sum_{-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j^{sa} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \geq j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \leq j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} = j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\ \ 1)!\cdot\ \ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ \ -\mathbf{l_i})!\cdot(\mathbf{n}-\ \ !}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}+\ \ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ \ s-j_{sa} \leq j_i \leq\ \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ \ _{sa}-s>\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>\ \ $

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}_{\ }\ _{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\ \ \wedge$

$\mathbb{k}_z: z=3 \wedge\ \ =\mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ \ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ \ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ \ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ \ Q5;\wedge$

$\mathbb{k}_{\ }\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <\ \ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: (j_{sa},\ \ ,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_{sa}} - \mathbf{l} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, \ldots, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=\ldots+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-\ldots+1)} \sum_{\ldots=j_{sa}+1)}^{\ldots} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{\ldots}
$$

$$
\sum_{n_i=\ldots;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{\ldots_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{\ldots}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}^{\ldots}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j^{ik}_{sa}-\mathbf{l}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_i+j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \mathbf{l_s} - s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik} + 1 \wedge j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{sa} - j^{ik}_{sa} \leq j^{sa} - j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$j^{ik} - j^{ik}_{sa} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_{ik}} + j_{sa}^{ik} - \mathbf{l} - s + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l_i})!\cdot(\mathbf{n}-}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1$ [illegible] $j_{ik} \leq j^{sa}+$ [illegible] $-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}$ [illegible] $s-j_{sa} \leq j_i \leq$ [illegible] $\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} \geq \mathbf{l_{ik}} \wedge \mathbf{l_i}$ [illegible] $_{sa}-s > \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; >$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}$ [illegible] $_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+$ [illegible] $\wedge$

$\mathbb{k}_z: z = 3 \wedge$ [illegible] $= \mathbb{k}_1+$ [illegible] $+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},$ [illegible] $j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots$ [illegible] $_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} =$ [illegible] $Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <$ [illegible] $\wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}$ [illegible] $, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum^{(\mathbf{l_{ik}} + j_{sa}^{ik} - \mathbf{l} - s + 1)}_{(j^{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum^{n}_{n_i = Q10; + Q5;} \sum^{(n_i - j_s + 1)}_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum^{(\ )}_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=l}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_s}}^{(\mathbf{l_s} + 1)} \sum_{(j^{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{j_{sa}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=\ \ -j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ \ - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ \ - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ \ - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l}\ \ - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \ \ + s - \mathbf{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j^{s} \ \ j_i + j_{sa} \ \ j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{ik} - j^{ik}_{sa} \ \ 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ ^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ \ = Q \ \ > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ \ \geq 7 \wedge \mathbf{s} \ \ s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\ \ 1)!\cdot\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1\ \ j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ \ s-j_{sa} \leq j_i \leq\ \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}\ \ _{sa}-s = \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ \ ^{i}_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+\ \ \wedge$

$\mathbb{k}_z: z = 3 \wedge\ \ = \mathbb{k}_1+\ \ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I =\ \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots\ \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} =\ \ Q5; \wedge$

$\mathbb{k}_z\ \ \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} <\ \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: (j_{sa}\ \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{\mathbb{k}_1 = j^{sa} + j_{sa}^{ik} - \mathbb{k}_2} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_s} + \mathbf{l})} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = 0}^{n} \sum_{;+Q5;\ (n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(\ -j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-\mathbf{l})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-1}
$$

$$
\sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_i+j_i-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \mathbf{l_s} - s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} - j^{ik}_{sa} - 1 < j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_s} - j^{ik}_{sa} - 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s=j_{ik}-j_{sa}^{ik}+1)} $$

$$ \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum^{(\mathbf{l_s}+j_{sa}-\mathbf{l})}_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + \ ^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \ s - j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} \ _{sa} - s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q \ \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \ + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ + Q5; \wedge$

$\mathbb{k}_z \ \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_i} + j_{sa}^{ik} - \mathbf{l} - s + 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{j_{sa}^{ik}+1}^{\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l} - j_{sa} +} \sum_{(j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q}^{n} \sum_{;+Q5;\ (n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{\ldots_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum^{(\ )}_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l}-j_{sa}+1} \sum^{(\ )}_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+1)}_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum^{(\ )}_{=n_{ik}+j_{ik}} \sum_{sa}-\mathbb{k}_2) \; n_s=n_{sa} \sum_{-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbf{l} - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbf{l} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} - j^{ik}_{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s>\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ ,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\ \wedge$

$\mathbb{k}_z: z=3 \wedge \ =\mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ _3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ +Q5;\wedge$

$\mathbb{k}_z\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: (j_{sa}\ ,\ ,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{\mathbb{k}_1 = j_{sa}^{ik}+1}^{\mathbf{l_{ik}} - \mathbf{l} + 1} \sum_{(j_s = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{ik}}-\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_{sa}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (n + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{l_{ik}} - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j^{ik}_{sa} \leq j^{sa} + j_i + j_{sa} - j^{ik}_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum^{(\ )}_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})} \sum_{j_{ik} = j_{sa}^{ik}+1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum^{(\ )}_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s>\mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I=Q5;>$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,\mathbb{k}\ ,j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s}=s+\ \wedge$

$\mathbb{k}_z: z=3 \wedge \ =\mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=\ 5;>0 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\ ,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots\ \mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=\ +Q5;\wedge$

$\mathbb{k}_z\ \ \wedge \mathbb{k}=\mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I=Q5;>0 \wedge$

$\mathbf{s}: \{j_{sa}\ ,\cdots,\mathbb{k}_1,j_{sa}^{ik},j_{sa},\cdots,\mathbb{k}_3,j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=l} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik} = j_{sa}^{ik}+1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}
$$

$$
\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{D5} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}
$$

$$
\sum_{=j_{sa}^{ik}+1}^{\mathbf{l_s} + j_{sa}^{ik} - 1} \sum_{(j_s = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = Q5; +Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=j_{ik}-j^{ik}_{sa}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_s}+j^{ik}_{sa}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{=n_{ik}+j_{ik}} \sum_{(a-\mathbb{k}_2)\ n_s=n_{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} \cdot 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (j_i + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(j_s - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D - s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s \leq j^{ik}_{sa} - 1 \wedge j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_s - j^{ik}_{sa} \leq j^{sa} + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + j_s = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$z = 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

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$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \cdots, \mathbb{k}_3, j_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik} = j_{sa}^{ik}+1}^{\mathbf{l_s} + j_{sa}^{ik} - \mathbf{l}} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s > \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+\ \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ Q5; \wedge$

$\mathbb{k}_z \ \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-\mathbf{l}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_i}^{DS} = \sum_{k=\mathbf{l}}^{(\ )} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}
$$

$$
\sum_{=j_{sa}^{ik}+1}^{\mathbf{l_s} + j_{sa}^{ik} - 1} \sum_{(j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\ )} \sum_{j_i = j^{sa} + \mathbf{l_i} - \mathbf{l_{sa}}}
$$

$$
\sum_{n_i = 0}^{n} \sum_{;+Q5;\ (n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}
$$

$$
\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i - \mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}}^{(\mathbf{l_i}-\mathbf{l}-s+2)} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{is})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{j_{ik}=\mathbb{k}_1}
$$

$$
\sum_{j_{sa}=n_{ik}+j_{ik}-j^{sa}} \sum_{(j^{sa}=j_{is}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=\mathbf{n}+j_i-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq \mathbf{l} - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j_{sa}^{ik} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} - 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} - j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=2)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - 1)! \cdot (\mathbf{l} - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{l} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathbf{l})!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}}^{(\mathbf{l_{sa}}-\mathbf{l}-j_{sa}+2)} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j_{sa}, j_i}^{D\,s} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l}_{ik}-\mathbf{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_s=\mathbf{l}_{ik}-\mathbf{l}_s} \sum_{(j_{ik}=j_{sa}+\mathbf{l}_{sa}-\mathbf{l}_{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l}_i-\mathbf{l}_{sa}}
$$

$$
\sum_{n_i=Q5;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(\mathbf{n}_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j^{ik}_{sa}+2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s\ \ )}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}\ \ }
$$

$$
\sum_{n_s=n_{ik}+j_{ik}\ \ (j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{\ \ }\ \ -j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{s\ \ } \ \ 2 \cdot s - \ \ - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ \ - \mathbb{k}_2 - \mathbb{k}_3)! \ \ + j_i + \ \ - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\ \ - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \ \ < n \wedge \mathbf{l_i} \leq \ \ s - \mathbf{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ \ + 1 \wedge j \ \ j^{ik}_{sa} - 1 \ \ j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j^{sa} \ \ j_i + j_{sa} \ \ \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\ \ - j^{ik}_{sa} \ \ 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge \ \ > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$> 7 \wedge \mathbf{s} \ \ s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}$ [illegible] $z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$ [illegible]

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-\mathbf{l}-j_{sa}^{ik}+2)} $$

$$ \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\ -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\ -\mathbf{l_i})!\cdot(\mathbf{n}-\ )!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+\ ^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\ s-j_{sa} \leq j_i \leq \ \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} \geq \mathbf{l_{ik}} \wedge \mathbf{l_i}\ _{sa}-s > \mathbf{l_{sa}}$

$((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\ _{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+\ \wedge$

$\mathbb{k}_z: z = 3 \wedge \ = \mathbb{k}_1+\ +\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \ 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \ _{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots\ _3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \ Q5; \wedge$

$\mathbb{k}\ \ \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \ \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \ , \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l}_{ik}-\mathbf{l}-j_{sa}^{ik}+2)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l}_{ik}-\mathbf{l}_s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-\mathbf{l}+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$\mathrm{fz}_{j_{ik}, j^{sa}, j_i}^{DSST} \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q5;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{sa})}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}} \sum_{\mathbb{k}_1}
$$

$$
\sum_{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\ \ -j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \ \ - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \ \ - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + \ \ - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l}\ \ - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \ \ + s - \mathbf{n} \wedge$

$1 \ \ j_s \leq j_{ik} - \ \ ^{ik} + 1 \wedge \ \ + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} - j^{ik}_{sa} \leq j^{s} \ \ j_i + j_{sa} \ \ \ j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l}_{\mathbf{k}} - j^{ik}_{sa} \ \ 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ ^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \ \ = Q \ \ > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \cdots, \ \ j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$\ \ \geq 7 \wedge \mathbf{s} \ \ s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^{i}_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s +$ [illegible] $\wedge$

$\mathbb{k}_z: z = 1 \wedge$ [illegible] $= \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I =$ [illegible] $5; > 0$

$\mathbf{s}: \{j_{sa}^{s}$ [illegible] $j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}$ [illegible] $^{i}_{sa}\} \wedge$

$s \geq 5 \wedge \mathbf{s} =$ [illegible] $+ Q5; \wedge$

$\mathbb{k}_z$ [illegible] $\wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$ {}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} $$

$$ \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+l_i-l_{sa}} $$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-}{(\mathbf{l_s}-j_s\quad 1)!\cdot\quad -2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-\quad}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \quad j_{ik} \leq j^{sa}+\quad^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}\quad s-j_{sa} \leq j_i \leq \quad \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}\quad_{sa}-s = \mathbf{l_{sa}}$

$\big((D \geq \mathbf{n} < n \wedge I = Q5; >$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}\quad j_{sa}^{i}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s+\quad \wedge$

$\mathbb{k}_z: z = 3 \wedge \quad = \mathbb{k}_1+\quad+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = \quad 5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \quad j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots \quad_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = \quad Q5; \wedge$

$\mathbb{k}\quad \geq \quad \wedge \mathbb{k} = \mathbb{k}_2+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < \quad \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}, \quad, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\right\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)\big) \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!}.
$$

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$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathbf{l} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathbb{k}_3, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\} \wedge$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

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$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$f_{Z}^{DSST}{}_{j_{ik}, j^{sa}, j_i} \sum_{k=\mathbf{l}}^{(\mathbf{l_s}-\mathbf{l}+1)} \sum_{(j_s=2)}$$

$$\sum_{j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=0}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

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$\big((\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 7 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq 6 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}$

$\mathrm{s} \geq 5 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 1 \wedge \mathbb{k} = \mathbb{k}_2) \vee$

$(\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathbf{s}: \{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathrm{j}_{\mathrm{sa}}, \cdots, \mathbb{k}_3, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\} \wedge$

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$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$
{}_{fz}S^{DSST}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}
$$

$$
\sum_{n_s=n_{ik}+j_{ik}(j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s-j_i-\mathbb{k}_3}
$$

$$
\frac{(n_i + j_i + j_{sa} - j^{sa} - 2 \cdot s - \mathbb{k}_2 - \mathbb{k}_3)!}{(n_i - \mathbf{n} - \mathbb{k}_2 - \mathbb{k}_3)! \cdot (\mathbf{n} + j_i + j_{sa} - j^{sa} - 2 \cdot s)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - \mathbf{l} - 1)!}{(\mathbf{l_s} - j_s - \mathbf{l} + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}
$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq \mathbf{l_s} - s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_{ik} + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_s} - j^{ik}_{sa} - 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} - j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$((D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 7 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 3 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j^s_{sa}, \cdots, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, \mathbb{k}_3, j^i_{sa}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_2 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_3, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_3) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 6 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_1) \vee$

$(D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\}$

$s \geq 5 \wedge \mathbf{s} = s + \; ; \wedge$

$\mathbb{k}_z: z = 1 \wedge \; = \mathbb{k}_2) \vee$

$(D \geq \mathbf{n} < n \wedge I = \; 5; > 0$

$\mathbf{s}: \{j_{sa}^{s}, \; j_{sa}^{ik}, j_{sa}, \cdots, \mathbb{k}_{\;} \; {}_{sa}^{i}\} \wedge$

$s \geq 5 \wedge \mathbf{s} = \; + Q5; \wedge$

$\mathbb{k}_{\;} \; \wedge \mathbb{k} = \mathbb{k}_3)) \Rightarrow$

$$_{fz}S_{j_s\;,j_{ik},j^{sa},j_i}^{DSST} = \sum_{k=\mathbf{l}} \sum_{(j_s=2)}^{(\mathbf{l_s}-\mathbf{l}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\;)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i-\mathbb{k}_3}$$

$$\frac{(n_i+j_i+j_{sa}-j^{sa}-2\cdot s-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-\mathbb{k}_3)!\cdot(\mathbf{n}+j_i+j_{sa}-j^{sa}-2\cdot s)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l}-1)!}{(\mathbf{l_s}-j_s-1)!\cdot(\mathbf{l}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-1-\mathbf{l_i})!\cdot(\mathbf{n}-1)!}$$

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DİZİN

B

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/230-231
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/187-188
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/321
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/230-231
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/187-188
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/321
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/230-231
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/187-188
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/321
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.4.1.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.4.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.4.2.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.4.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.2.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.4.3.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.4.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.4.3.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu

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simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/233
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/190
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/324-325
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/233
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/190
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/324-325
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/233
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/190
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/324-325
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.6.1.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.6.2.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.2.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.1.6.3.1/3-4
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.6.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.6.3.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.1.1.1.1/118
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.1.1/80-81
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.1.1/165
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin durumuna
tek kalan simetrik olasılık, 2.3.3.1.1.1.2.1/118
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.2.1/80-81
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.2.1/165
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.1.1.3.1/118
tek kalan düzgün simetrik olasılık, 2.3.3.2.1.1.3.1/80-81
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.1.1.3.1/165
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.2.1.1.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.1.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.1.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

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tek kalan simetrik olasılık, 2.3.3.1.2.1.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.1.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.1.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.1.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.1.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.1.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.2.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.2.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.2.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.2.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.2.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.2.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.2.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.2.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.2.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.4.1.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.4.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.4.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.4.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.4.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.4.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.4.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.4.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.4.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.6.1.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.6.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.6.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.2.6.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.6.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.6.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre

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tek kalan simetrik olasılık, 2.3.3.1.2.6.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.6.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.6.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.2.7.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.1.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.2.7.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.2.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.2.7.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.2.7.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.2.7.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.1.1.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.1.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.1.2.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.2.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.1.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.1.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.1.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.2.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.1.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.2.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.2.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.3.2.3.1/4
tek kalan düzgün simetrik olasılık, 2.3.3.2.3.2.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.3.2.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin herhangi iki durumuna bağlı

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tek kalan simetrik olasılık, 2.3.3.1.4.1.1.1/4

tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.1.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin herhangi iki durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.4.1.2.1/4

tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.2.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.2.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin herhangi iki durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.4.1.3.1/4

tek kalan düzgün simetrik olasılık, 2.3.3.2.4.1.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.4.1.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.4.1.1.1/839-840

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.4.1.2.1/839-840

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.4.1.3.1/839-840

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.1.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.1.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.1.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.1.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.1.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.1.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.1.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.1.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.1.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.2.1.1/6

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.1.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.1.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.2.2.1/6

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.2.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.2.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.5.2.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.5.2.3.1/3-4

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tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.5.2.3.1/7
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.1.1.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.1.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.1.2.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.2.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.1.3.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.1.3.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.2.1.1/11
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.1.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.2.2.1/11
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.2.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.8.2.3.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.8.2.1.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.6.1.1.1/[illegible]
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.1.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.1.1/5-6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.6.1.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.2.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.2.1/5-6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.6.1.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.1.3.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.1.3.1/5-6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
tek kalan simetrik olasılık, 2.3.3.1.6.2.1.1/6
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.2.1.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.2.1.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

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tek kalan simetrik olasılık, 2.3.3.1.6.2.2.1/6
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.2.2.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.2.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.2.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.2.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.2.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.4.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.4.1.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.4.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.4.2.1/6
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.4.2.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.4.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.4.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.4.3.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.4.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.6.1.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.6.1.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.6.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.6.2.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.6.2.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.6.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.6.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.6.3.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.6.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.7.1.1/6
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.7.1.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.7.1.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.6.7.2.1/6
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.7.2.1/4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.7.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

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tek kalan simetrik olasılık, 2.3.3.1.6.7.3.1/5
tek kalan düzgün simetrik olasılık, 2.3.3.2.6.7.3.1/3-4
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.6.7.3.1/5
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.1.1.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.1.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.1.2.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.2.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.1.3.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.1.3.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.2.1.1/11
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.1.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.2.2.1/11
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.2.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.2.3.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.2.3.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.4.1.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.1.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.4.2.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.2.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.4.3.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.4.3.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
tek kalan simetrik olasılık, 2.3.3.1.9.6.1.1/7
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.1.1/11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son

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durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.6.2.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.6.3.1/7

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.6.3.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.1.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.1.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.2.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.2.1/11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

tek kalan simetrik olasılık, 2.3.3.1.9.7.3.1/11

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.9.7.3.1/7-8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.1.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.1.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.1.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.1.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.2.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.2.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.2.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.2.3.1/3-4

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tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.2.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.4.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.4.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.4.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.1.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.1.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.2.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.2.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.6.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.6.3.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.6.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.1.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.1.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.1.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.2.1/7

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.2.1/4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.2.1/10-11

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

tek kalan simetrik olasılık, 2.3.3.1.7.7.3.1/5

tek kalan düzgün simetrik olasılık, 2.3.3.2.7.7.3.1/3-4

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.7.7.3.1/7

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.1.1.1/9

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tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.1.1.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.1.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.1.2.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.1.3.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.1.3.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.2.1.1/15-16

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.2.2.1/15-16

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.2.3.1/9-10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.2.3.1/10

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.4.1.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.4.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.4.3.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.4.3.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.6.1.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.1.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.6.2.1/9

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.2.1/16

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.10.6.3.1/9

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tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.6.3.1/16
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.10.7.1.1/15-16
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.1.1/16
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.10.7.2.1/15-16
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.2.1/16
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.10.7.3.1/9-10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.10.7.3.1/10
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.1.1.1/10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.1.1/10-11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.1.2.1/10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.2.1/10-11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.1.3.1/10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.1.3.1/10-11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.2.1.1/[illegible]
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.1.1/17-18
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.2.2.1/17
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.2.1/17-18
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.2.3.1/10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.2.3.1/10-11
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.4.1.1/10
tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.1.1/17-18
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
tek kalan simetrik olasılık, 2.3.3.1.11.4.2.1/10

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tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.4.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.4.3.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.1.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.2.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.6.3.1/10

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.6.3.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.1.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.1.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.2.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.2.1/17-18

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

tek kalan simetrik olasılık, 2.3.3.1.11.7.3.1/17

tek kalan düzgün olmayan simetrik olasılık, 2.3.3.3.11.7.3.1/10-11

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VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz olasılık dağılımlardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu hariç dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılığın, tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılık kitabında, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz olasılıklardan, bağımsız olasılıklı durumla başlayıp ilk bağımlı durumu bağımlı olasılıklı dağılımın ilk bağımlı durumu hariç dağılımın başlayabileceği diğer bir bağımlı durum olan ve bağımsız olasılıklı durumla başlayan dağılımın aynı ilk bağımlı durumuyla başlayan dağılımlarda simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre tek kalan düzgün simetrik olasılığın, tanım ve eşitlikleri verilmektedir.

VDOİHİ'nin diğer ciltlerinde olduğu gibi bu ciltte de verilen ana eşitlikler, olasılık tablolarından elde edilen verilerle üretilmiştir. Diğer eşitlikler ise ana eşitliklerden teorik yöntemle üretilmiştir. Eşitlik ve tanımların üretilmesinde dış kaynak kullanılmamıştır.

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