VDOİHİ

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

Cilt 2.3.1.3.7.1.1.899

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 toplam düzgün olmayan simetrik olasılık Cilt 2.3.1.3.7.1.1.899

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

Dili: Türkçe + Matematik Mantık

Türkiye Cumhuriyeti Devleti
Kuruluşunun
100.Yılı Anısına

M. Atatürk

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

Veri **D**eğişkenleri **O**lasılık ve **İ**htimal **H**esaplama **İ**statistiği (VDOİHİ) ile olasılık ve ihtimal yasa konumuna getirilmiştir.

VDOİHİ'de Olasılık;

- ✓ 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

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

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

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

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durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı toplam düzgün olmayan simetrik olasılık

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bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı toplam düzgün olmayan simetrik olasılık

${}_{fz}^{0}S_{\Rightarrow j_s,\Rightarrow j_{ik},j^{sa},j_i}^{DOSD}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız veya bağımlı-bağımsız veya bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı toplam düzgün olmayan simetrik olasılık

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E2

BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMSİZ DAĞILIMLAR

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**

Bağımlı dağılım ve bir bağımsız olasılıklı durumla oluşturulabilen dağılımlara ve bağımlı olasılıklı dağılımların kendi olay sayılarından (bağımlı olay sayısı) büyük olanlara (bağımlı olay sayısı) dağılımıyla bağımlı ve bir bağımsız olasılıklı dağılımlar denir. Bağımlı dağılım farklı dizilimsiz dağılımlara uygulandığında, bu dağılımlara bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar denir. Bağımlı ve bir bağımsız olasılıklı dağılımlar; bağımlı dağılımlara, bağımsız durumlar ilk baştan 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 hariçtinde dağılımın herhangi bir durumuyla başlayan dağılımlar (bunun yerine farklı dizilimli dağılımlarda simetride bulunmayan bir durumla başlayan dağılımlar) ve dağılımın ilk durumu simetrik 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.

GÜDÜMYA

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 VDO Cilt 1'de çıkarılan eşitliklerle birleştirilerek, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlar için yeni eşitlikleri elde edilecektir. Eşitlikleri adlandırılmasında bağımlı olasılıklı farklı dizilimsiz dağılımlarda kullanılan adlandırmalar kullanılacaktır. Bu adların [illegible]na 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 durumlu[illegible]/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 ifade 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 [illegible]te bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz dağılımlarda, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre toplam düzgün olmayan simetrik [illegible] eşitlikleri verilmektedir.

GÜLDÜNYA

SİMETRİDEN SEÇİLEN DÖRT DURUMA GÖRE TOPLAM DÜZGÜN OLMAYAN SİMETRİK OLASILIK

$$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

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

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

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

$$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$$

$$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$${}_{fz}S_{j_s\ ,j_{ik},}^{DOSD} = \sum_{k=1}^{i^{I-1}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{ik = j^{sa} + \mathbf{l_{ik}} - \mathbf{l_{sa}}} \sum_{(j^{sa} = j_{sa}+1)}^{(j_i + j_{sa} - s)} \sum_{j_i = s+1}^{\mathbf{l_{sa}} + j_{sa} - k - s + 1}$$

$$\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-k)}^{(j_{ik}-k)}$$

$$\sum_{j_{ik}=j_{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}-k+1)}\sum_{(j_{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}-k+1)}\sum_{j_i=\mathbf{l_{sa}}+j_{sa}-k-s+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{D=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}\sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{lk}}\sum_{(j^{sa}=}^{(\ \ )}\ \ \sum_{j_i=s}^{\mathbf{l_i}-\ _i}$$

$$\sum_{n_i=Q1\ \ Q5;\ (n_{ik}=\mathbf{n}+\mathbb{k}\ \ +1)}^{n}\ \ \sum^{(n_i-j_{ik}\ \ \mathbb{k}_1+1)}$$

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

$$\sum_{j_{sa}=\mathbf{n}-j}\ \ \sum^{\ \ -j_i+1)}$$

$$\frac{(\ \ -n_{ik}-1)!}{(j_{ik}\ \ 2)!\cdot(\ \ n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_i\ \ -n_{sa}-1)!}{(j^{sa}\ \ j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}+j_{sa}-j_i-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{\ _i\mathbf{l}-1}\ \ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ \ )}\ \ \sum_{j_i=s+1}^{\mathbf{l_{sa}}+j_{sa}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n}\ \ \sum^{(n_i-j_s+1)}\ \ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\,)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\boldsymbol{n}+j^{s}_{sa}-j_s-\ )!}$$

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

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

$$\sum\ \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}}^{\ } \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{2\cdot\ +\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j^{s}_{sa})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-\ Q5;+j^{s}_{sa})!\cdot(\boldsymbol{n}-s)!}\cdot$$

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

$D\ \boldsymbol{n} < \ \wedge \boldsymbol{l_i} \le D+s-\boldsymbol{n} \wedge$

$1 \le j_s \le j^{i}_{sa} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \le j_{ik} \le j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

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

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

$D \ge \boldsymbol{n} < n \wedge I = Q5; \ge 0 \wedge$

$j_{sa} \le j^{i}_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - 1 \wedge j^{s}_{sa} = j^{ik}_{sa} - 1 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)\ \mathbf{l_{ik}}-k-s+1} \sum_{(j^{sa}=j_{sa}}^{j_i=1}
$$

$$
\sum_{n_i=Q10;+Q}^{n} \sum_{}^{(n_i-j_s)} \sum_{}^{n_{is}+j_s-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{j_{ik}+j_{ik}-j} \sum_{n_s=\mathbf{n}-j_i+1}^{+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 1)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

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$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-\mathbf{l_{ik}}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}+j^{sa}+1)}^{(n_{ik}+j_{ik}-j_{sa}+1)} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k={}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)} \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_i}-l_{sa}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}-j_{sa}-j_i+\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot \frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot \frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=}$$

$$\sum_{\mathrm{j_{ik}}-}^{(\ )} \sum_{\ {}^{\mathrm{sa}}=\mathrm{j}_{\mathrm{i}}\ \mathrm{j_i}=\mathrm{s}}$$

$$\sum_{=}^{\mathrm{n}} \sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}}^{(\ )} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}$$

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

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \ {}_{\mathrm{k}} - \mathrm{j_s} - \mathrm{j_{ik}} - \ - \mathbb{k} - \ \mathrm{Q5}; + 2 \cdot \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})!}{(2 \cdot \ - \mathrm{n_{ik}} \ {}_{\mathrm{k}} - \mathbf{n} - \ - \ \mathrm{Q5}; + \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \ + \mathrm{s} - \mathbf{n} \wedge$

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

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

$\mathbf{l_{ik}} - \mathrm{j_s} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \ = \mathrm{Q5}; \geq \ \wedge$

$\mathrm{j_{sa}} \ \mathrm{j_{sa}} - 1 \wedge \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}} = \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \mathbb{k}_1, \mathrm{j} \ \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}^{\mathrm{j}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} \geq \ \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_s}+s-k} \sum_{j_i=s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{i} - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{} - 1)!}{(j_{ik} -) \cdot (n_{is} + - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{} - n_{sa} - }{(j^{sa} - - 1)! \cdot + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_{} - 1)!}{(j_i - j^{sa} -) \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}l-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathbf{l_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(\mathbf{l_i}+j_{sa}-j_{i}-\mathbf{l_{sa}})!\cdot(j_{i}-s)!}$$

$$\frac{(\mathbf{l_i}-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{j_{ik}=j^{sa}-\mathbf{l_{sa}}}^{j_{sa}-1}\sum_{(j^{sa}-j_{i}+j_{sa}-s)}^{(\ )}\sum_{j_{i}=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_{is}=10;+Q5;}^{(n_{i}-j_{s}-1)}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{s}+1)}\sum_{n_{ik}=n_{is}+j_{s}-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\mathbf{n}+n_{is}+2\cdot j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=\ _{i}\mathbf{l}}\sum_{(j_{s}=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\mathbf{i}})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ _2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \quad - j^{sa})!}$$

$$\frac{(n_{\quad} - n_s - \quad}{(j_i - j^{sa} - 1)! \cdot \quad + j^{sa} - n_s \quad)!} \cdot$$

$$\frac{(n_s \quad 1)!}{\quad + j_i \quad - 1 \quad (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s \quad k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \quad a - \mathbf{l_{sa}} - s)!}{(j \quad + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} -$$

$$\frac{(\boldsymbol{l_i} + j_{sa} - \boldsymbol{l_s} - s)!}{(\boldsymbol{l_i} + j_{sa} - j_i - \boldsymbol{l_{sa}})! \cdot (j_i - s)!}$$

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

$$\sum^{-1} \sum^{(\ )}_{(j_s + \boldsymbol{l_s} - \boldsymbol{l_{ik}})}$$

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

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

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(\boldsymbol{n}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \boldsymbol{n} - \mathbb{k} - Q5; -j^s_{sa})!} \cdot$$

$$\frac{1}{(\boldsymbol{n} + j^s_{sa} - j_s - s)!} \cdot$$

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

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

$$\sum_{k=\ _i\boldsymbol{l}} \sum^{(\ )}_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\ \sum_{(j^{sa}=j_{sa})}^{(\ )}\ \sum_{j_i=s}^{n}$$

$$\sum_{n_i=Q10;+Q5;}^{(\ )}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})!\ \ -s)!}\cdot$$

$$\frac{(\ \ -\mathbf{l_i})!}{+s-\mathbf{n}\ \ !)!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

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

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

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

$D\geq\mathbf{n}<n\wedge I=Q5;\geq 0\wedge$

$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{i}\ \ j_{sa}^{ik}-1\wedge$

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

$s\geq 4\wedge\mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z:\ \ 2\wedge\mathbb{k}=\mathbb{k}_1+\ \ _2\Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)}\ \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathbf{l_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(\mathbf{l_i}+j_{sa}-j_{i}-\mathbf{l_{sa}})!\cdot(j_{i}-s)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=\mathbf{l_i}}^{\mathbf{l_s}-1}\sum_{(j_{s}=\mathbf{l_i}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+\mathbf{l_{sa}}-k-s+1)}\sum_{(j^{sa}=j_{sa}+1)}\sum_{j_{i}=j^{sa}+s-j_{sa}}$$

$$\sum_{n_{i}=\mathbf{n}+10;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{s}+1)}^{(n_{i}-\mathbf{n}+1)}\sum_{n_{ik}=n_{is}+j_{s}-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(n_{is}+2\cdot j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=\mathbf{l_i}}\sum_{(j_{s}=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}\ Q5;+j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0\wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1\wedge$

$\mathbf{s}\colon\{j_{sa}^{s}\ _1, j_{sa}^{ik}\ \mathbb{k}_2, j_{sa}\ j_{sa}^{i}\}\wedge$

$s \geq 4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z\colon\ 2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1}\ j_i=j^{sa}+s-j_{sa}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - [illegible] - j^{sa})!}$$

$$\frac{(n_{[illegible]} - n_s - [illegible]}{(j_i - j^{sa} - 1)! \cdot [illegible] + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - [illegible] 1)!}{[illegible] + j_i - [illegible] (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - [illegible]k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + [illegible]_{sa} - \mathbf{l_{sa}} - s)!}{([illegible] + \mathbf{l_i} - j_i - [illegible])! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}}) \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}-1} \sum_{(j_s \text{[illegible]} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} \text{[illegible]}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\text{[illegible]} + j_{sa} - k)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i \text{[illegible]} 10; + Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - \text{[illegible]} + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\frac{(2 \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k = \text{[illegible]}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s = 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1;1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(\ -\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\cdot})!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa}\ \wedge\mathbf{l_i}+j_{s}\ -s>\mathbf{l}_{\cdot}\wedge$

$D\geq\mathbf{n}<n\wedge I=Q5;\geq 0\wedge$

$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{i}\ j_{sa}^{ik}-1\wedge$

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

$s\geq 4\wedge\mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z:\ \ 2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1}\sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{lk}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-\quad)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(\quad-j_{sa})!}$$

$$\frac{(\quad\mathbf{l}_{\cdot})!}{(D+j_{\quad}-\mathbf{n}-\mathbf{l_i})!\quad j_i)!}-$$

$$\sum_{\quad}^{\quad-1}\ \sum_{(j_{\quad}}^{(\ )}{}_{+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\quad+1}\ \sum_{(\quad=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\quad0;+Q5;}^{(n_i-\quad+1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\quad n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\quad_{\mathbf{i}}\mathbf{l}}\ \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ldots Q5;+\ldots j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ldots Q5;+j_{sa}^{s})!\ldots -s)!}\cdot$$

$$\frac{\ldots D-\mathbf{l_i})!}{\ldots+s-\mathbf{n}\ldots)!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ldots_{sa}\ldots \wedge \mathbf{l_i}+j_s\ldots-s>\mathbf{l}\ldots \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ldots j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ldots_1, j_{sa}^{ik}\ldots\mathbb{k}_2, j_{sa}\ldots j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s}=s+\ldots 5;\wedge$

$\mathbb{k}_z:\ldots 2 \wedge \mathbb{k}=\mathbb{k}_1+\ldots_2 \Rightarrow$

$$\ldots S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} -$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} -$$

$$\frac{($$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{-1} \sum_{j_{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i}^{(n_i-} \sum_{10;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-$$

$$\frac{($$

$$\sum_{($$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{($$

$$\sum_{n_i-$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - [illegible] - j^{sa})!}$$

$$\frac{(n_{[illegible]} - n_s - [illegible])!}{(j_i - j^{sa} - 1)! \cdot [illegible] + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - [illegible] - 1)!}{[illegible] + j_i - [illegible] \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - [illegible]k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + [illegible]_{sa} - \mathbf{l_{sa}} - s)!}{([illegible] + \mathbf{l_i} - j_i - [illegible])! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}-1} \sum_{\text{[illegible]}=2)}^{(\mathbf{l_{sa}} - k - j_{sa} + \text{[illegible]}}$$

$$\sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{\text{[illegible]}=j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i \text{[illegible]} 10; + Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - \text{[illegible]} + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\frac{(2 \cdot \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k = \text{[illegible]}_i \mathbf{l}} \sum_{(j_s = 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\ldots}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(\mathbf{l_i}+j_{sa}-j_{i}-\mathbf{l_{sa}})!\cdot(j_{i}-s)!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\ldots j_{i})!}-$$

$$\sum_{\ldots}^{\ldots-1}\sum_{(\ldots=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+\ldots}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{\ldots=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_{i}\ldots 10;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\ldots_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{\ldots_s+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ \ _{\mathbf{i}}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - [illegible] - j^{sa})!}$$

$$\frac{(n_{[illegible]} - n_s - [illegible])!}{(j_i - j^{sa} - 1)! \cdot [illegible] + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - [illegible] - 1)!}{[illegible] + j_i - [illegible] \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - [illegible]k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + [illegible]_{sa} - \mathbf{l_{sa}} - s)!}{([illegible] + \mathbf{l_i} - j_i - [illegible])! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{k=\text{[illegible]}}^{\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(\text{[illegible]}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\text{[illegible]}10;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\text{[illegible]}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l})!\cdot(\mathbf{n}-s)!}$$

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

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa}\ \wedge\mathbf{l_i}+j_s\ -s>\mathbf{l}_s\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+\ -\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge I=Q5;\geq 0\wedge$

$j_{sa}\leq\ -1\wedge j_{sa}^{ik}=\ -1\wedge j_{sa}^{s}=j_{sa}\ \wedge$

$\mathbf{s}$: $j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_{\ }\ a,\cdots,j_{sa}\wedge$

$s\geq\ \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z$: $z=2\ k=\mathbb{k}_1+\mathbb{k}\Longrightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_{sa}}+s-k-j_{sa}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}} \sum_{\mathbf{l_{sa}}} \sum_{j_i=\mathbf{l_i}} -D$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+} \sum_{j_s+1)\, n_{ik}} \sum_{s+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathbb{k} - \mathrm{s} - \mathbb{k} - \mathrm{Q5};)!}{(2 \cdot \mathrm{j_s} + 2 \cdot \mathrm{j_s} - \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5}; - \mathrm{j_{sa}^s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j_{sa}^s} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n}$ $\mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

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

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

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

D $\mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

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

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j}^{n_{is}+j_s} \sum_{}^{-\mathbb{k}_1}
$$

$$
\sum_{}^{(n_{ik}+j_{ik}-} \sum_{a=\mathbf{n}-j^{sa}+1}^{\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{}^{-j_i+1}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_s-)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} - 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_{sa} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}}-s)!\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{j}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z\colon \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\mathrm{fz}\sum_{\mathrm{j_{ik}}=\mathrm{j_{ik}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\mathrm{QSD}}{}_{\mathrm{k},\mathrm{j^{sa}},\mathrm{j_i}} \sum_{\mathrm{i}=1}^{\mathbf{l}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}+1)}^{(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_s}+\mathrm{s}-\mathrm{k}}$$

$$\sum_{=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}}\sum_{(j_s=j\ldots\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\sum_{(j^{sa}=j\ldots)}^{(\mathbf{l_s}+j_{sa}-k)}\sum_{j_i=\mathbf{l_s}+s-k+1}^{\ldots 1}$$

$$\sum_{n_i=Q10;+\ldots}^{n}\sum_{(n_{is}=\mathbf{n}+\ldots+1)}^{(n_i-j\ldots)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}\ldots-j_{ik}-\mathbb{k}_1}$$

$$\sum_{\ldots sa=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-\ldots-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}\sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\ _{i}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;\,(n_{ik}=\mathbf{n}}^{n}\sum^{(n_i-j_{ik}-\mathbb{k}_1+1)}_{-j_{ik}+1)}$$

$$\sum_{n_{sa}=\mathbf{n}}^{n_{ik}+j_{ik}-j}\sum^{(n_{sa}}_{a+1\ \ (n_s=\mathbf{n}-j_i+}$$

$$\frac{-n_{ik}\ \ 1)!}{(j_{ik}\ \ )!\cdot(n_i\ \ _{k}+1)!}\cdot$$

$$\frac{(n_{ik}-\ \ -1)!}{(j^{sa}-j_{ik}-\ \ )!\cdot(n_{ik}\ \ _{k}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ _{a}-n_s-1)!}{\ \ -j^{sa}-\ \ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}+j_{sa}-j_i-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;\,(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{(n_i-j_s+1)}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

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

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

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

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge +j_{sa}-s>\mathbf{l}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-$

$D\geq \mathbf{n}<n\wedge I=Q5;\geq 0$

$j_{sa}\leq j^{i}_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_s=j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{j^{s}_{sa}\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,j_{sa}\ldots,j^{i}_{sa}\}\wedge$

$s\ldots 4\wedge \mathbf{s}=s\ldots Q5;\wedge$

$\mathbb{k}_z\ldots=2\wedge\mathbb{k}=\mathbb{k}_1\ldots\mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}-\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_s=j^s}$$

$$\sum_{n_i=Q10;+Q5,}^{n} \sum_{j_c+1)\ n_{ik}}^{(n_i-j_s+} \sum_{+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathbb{k} - \mathrm{s} - \mathbb{k} - \mathrm{Q5};)!}{(2 \cdot \mathrm{j_s} + 2 \cdot \mathrm{j_s} - \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5}; - \mathrm{j_{sa}^s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j_{sa}^s} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n}$ $\mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

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

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

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

D $\mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{(n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{\mathbf{n}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}}-j_i)!\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z\colon \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\mathbf{l_i}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
\sum_{=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}
\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}+1)}^{(\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1)}
\sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\mathrm{k}+1}
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}
\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}
\sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}
\sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}
\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot
\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot
\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot
\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot
$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{\quad}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{sa}}}\ \sum_{(j^{sa}=}^{(\mathbf{l_i}+j_{sa}-k)}\ \sum_{}^{\mathbf{l_i}-k+1}$$

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

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{}\ \sum_{n_s=\mathbf{n}-j_i+1}^{}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{\mathrm{k}=\ \ \mathbf{l}}\sum_{(\mathrm{j_s}=1)}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{(\ \ )}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\ \ \mathbf{l}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{\mathrm{n}}\ \ \sum^{(\mathrm{n_i}-\mathrm{j_{ik}}\ \ \mathbb{k}_1+1)}$$

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

$$\sum_{\mathrm{j_{sa}}=\mathbf{n}-\mathrm{j}}\ \ \sum_{-\mathrm{j_i}+1)}$$

$$\frac{(\ \ -\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}\ \ 2)!\cdot(\mathrm{n}\ \ \mathrm{n_{ik}}-\mathrm{j_{ik}}+1)!}\cdot$$

$$\frac{(\mathrm{n_i}\ \ -\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}\ \ \mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}-\mathrm{s})!}\cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \ \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})}\ \ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};\ (\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n}}\ \ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}^{(\mathrm{n_i}-\mathrm{j_s}+1)}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

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

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

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

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}} \wedge \ +j_{sa}-s>\mathbf{l}\ \wedge$

$D+s-\mathbf{n}<\mathbf{l_i} \leq D+\mathbf{l_s}+s-$

$D \geq \mathbf{n} < n \wedge I=Q5; \geq 0$

$j_{sa} \leq j^{i}_{sa}-1 \wedge j^{ik}_{sa}=j_{sa}-1 \wedge j_{s}=j^{ik}_{sa}-1 \wedge$

$\mathbf{s}: \{j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \ldots, j^{i}_{sa}\} \wedge$

$s \ldots 4 \wedge \mathbf{s}=s\ldots Q5;\wedge$

$\mathbb{k}_z \ldots =2 \wedge \mathbb{k}=\mathbb{k}_1 \ldots \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}} \sum_{=j^{s}} {}_{-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+1} \sum_{+1)\, n_{ik}} \sum_{+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + \quad + \mathbb{k}_2 - n_{ik} - \quad - s - \mathbb{k} - \ Q5;)!}{(\quad 2 \cdot j_s + \quad - n_{ik} - \quad - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$D \geq \mathbf{n} \quad n \wedge \mathbf{l_s} \leq D - \quad + 1 \wedge$

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l}_{\cdot})}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+} \sum^{n_{is}+j_s} \sum^{-\mathbb{k}_1}
$$

$$
\sum^{(n_{ik}=\mathbf{n}+\mathbb{k}-} \sum^{1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{i}} \sum^{1}
$$

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

$$
\sum^{=\mathbf{n}-j^{sa}+1)} \sum^{\mathbf{n}-j_i+1}
$$

$$
\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_{\cdot}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{\cdot}-n_{ik}-1)!}{(j_{ik}-\cdot)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(\cdot-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_s})}^{(\ )}
$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2) \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1) \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}}-s)!\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

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

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

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

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

$$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{j} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$$

$$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$fz^{QSD}_{j_{ik},j^{sa},j_i} \sum_{i}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_s}+j_{sa}^{ik}-}\ \sum_{(\ )}^{\ }\ \sum_{}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n}\ \sum_{(n_{is}=\mathbb{k}-j_s+1)}^{(n_i-j_s+1}\ \sum_{}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{\ }\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{\mathrm{k}=\ \ \mathbf{i}\mathbf{l}}^{(\ \ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}^{(\ \ )}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{\mathbf{l_i}-\ \ \mathbf{i}\mathbf{l}+}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{\mathrm{n}}\ \ \sum_{\ \ \ \

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

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

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

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

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge\ +j_{sa}-s>\mathbf{l}_{\ }\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-$

$D\geq \mathbf{n}<n\wedge I=Q5;\geq 0$

$j_{sa}\leq j^{i}_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_{\ }=j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{j^{s}_{sa},\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\ldots,j^{i}_{sa}\}\wedge$

$s\ldots 4\wedge \mathbf{s}=s\ldots Q5;\wedge$

$\mathbb{k}_z\ldots=2\wedge\mathbb{k}=\mathbb{k}_1\ldots\mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{\mathbf{l_i}-k+1}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{l}_i-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l}_i-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum^{(\ )} \sum_{j_i=j^{s}-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+} \sum_{n_{ik}=j_s+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - \mathbb{k} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot j_s + \mathbb{k}_2 - n_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$D \geq \mathbf{n}$ $n \wedge \mathbf{l_s} \leq D -$ $+ 1 \wedge$

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

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

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

D $\mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}$: $\left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{\mathbf{l_i}=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{(n_{ik}+j_{ik}-j_{ik}+\mathbb{k}_2)} \sum_{\mathbf{n}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}
$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )} \left(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}\right) \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \left(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1\right) \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{(n_i-j_s+1)} \sum_{n_{sa}+j^{sa}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-\quad)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \left(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1\right) \sum^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}}\cdot(j_i-s)!}\cdot$$

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

$$\sum_{k=1}^{D\quad+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{i_k=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ \ \mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DO}\ \ \ \ \ \ \ \ } = \sum_{\mathrm{k}=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s})} \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ \ )} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{\mathbf{l_i}-\mathrm{k}+1} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathrm{n}} \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}
$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-1)}^{(\mathbf{l_s}-1)}\sum_{j_{ik}=\mathbf{l_{ik}}-\mathbf{l_s}}^{(\quad)}\sum_{j_i=\mathbf{l_{sa}}-\mathbf{l_{ik}}}^{\mathbf{l_i}-k+1}\sum_{s=j_{sa}}^{\quad}$$

$$\sum_{Q10;+Q5;}^{n}\sum_{(n_{is}=\quad\mathbb{k}-j_s+1)}^{(n_i-j_s+\quad)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{\quad_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{\mathrm{k}=\ \ \mathbf{i}\mathbf{l}}^{(\ \ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}^{(\ \ )}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{\mathbf{l_i}-\ \ \mathbf{i}\mathbf{l}+}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}}^{\mathrm{n}}\sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{(\mathrm{n_i}-\mathrm{j_{ik}}\ \ \mathbb{k}_1+1)}\sum_{+1)}$$

$$\sum_{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}\ \ \mathbb{k}_2\ (\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}\sum_{\mathrm{j_{sa}}=\mathbf{n}-\mathrm{j}}\sum_{-\mathrm{j_i}+1)}$$

$$\frac{(\ \ -\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}\ \ 2)!\cdot(\mathrm{n}\ \ \mathrm{n_{ik}}-\mathrm{j_{ik}}+1)!}\cdot$$

$$\frac{(\mathrm{n_i}\ \ -\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}\ \ \mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}-\mathrm{s})!}\cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\sum_{(\mathrm{j_s}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s}+1)}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ \ )}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}\sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};\,(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n}}\ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}^{(\mathrm{n_i}-\mathrm{j_s}+1)}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - \ \wedge j^{s}_{sa} = j^{ik}_{sa} -$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_2 z = 2 \wedge \mathbb{k}\ \mathbb{k}_1 + \mathbb{k}_2$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j^{ik}_{sa}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{l}_{\mathbf{i}}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\quad)} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}\cdot$$

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

$$\sum_{l}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}}\sum_{j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_i}-\ _{\mathbf{i}}\mathbf{l}+1}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} n_{ik}=n_{is}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-$$

$$\frac{1}{+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{D}_{j_s,j_{ik},j_{sa},j_i} = \sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\quad)!}\cdot$$

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

$$\sum_{=1}^{(\quad)}\sum_{(j_s=j_{ik}+\mathbf{l_s}-}$$

$$\sum_{=j_{sa}^{ik}+1}^{\mathbf{l_s}}\sum_{(\quad=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}\sum_{j_i-j_s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=10;+Q5;}^{n}\sum_{(n_{is}=\quad k-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_i+\mathbf{l_{sa}}}^{(\ )}\sum_{j_i=s}^{\mathbf{l_i}-_i}$$

$$\sum_{n_i=Q}^{n}\sum^{(n_i-j_{ik}}_{Q5;\,(n_{ik}=\mathbf{n}+\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j}\sum_{n_{ik}+j_{ik}-j}^{\mathbb{k}_2\ (n_{sa}+j^{sa}-j_i)}\sum_{-j_i+1)}$$

$$\frac{(\ -n_{ik}-1)!}{(j_{ik}-2)!\cdot(\ n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{_i\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

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$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\mathbf{l}_{\ }}{(D-j_i-\mathbf{n}-\mathbf{l}_{\ }-j_i)!}-$$

$$\sum_{k=\ \mathbf{il}}\ \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}}\ \sum_{(j^{sa}=j_{sa})}^{(\ )}\ \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j^s_{sa})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j^s_{sa})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

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

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

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

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$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=j_{i}} \sum_{\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(\mathbf{l_{ik}}} \sum_{-k-s+1)}
$$

$$
\sum_{j_{ik}=j} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{-j_s+1)} \sum_{j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_i=Q10;+Q5} \sum_{=\mathbf{n}+\mathbb{k}-} \sum_{) \, n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

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

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

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

$$\sum_{k=1}^{\mathbf{l_i}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2)}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{}^{j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+}^{(n_i-j_s+1)}\ \sum_{}^{n_{is}+j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{ik}+j_{ik}}\ \sum_{(n_{sa}=\mathbf{n}}^{(n_{ik}+j_{ik}-\mathbb{k}_2)\ n_{sa}+j^{sa}-}\ \sum_{}^{\mathbf{n}-j_i+1}$$

$$\frac{-n_{is}-1)!}{-2)!\cdot(-n_{is}-j_s+1)!}\cdot$$

$$\frac{-n_{ik}-1)!}{-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=\ \mathbf{i}\mathbf{l}}\ \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n}^{(n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

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$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\ldots}\cdot$$

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

$$\sum_{k=\ \mathbf{i}\mathbf{l}}\sum^{(\ )}_{(j_s\ldots)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum^{(\ )}_{(\ldots)}\sum_{j_i=s}$$

$$\sum_{n_i=Q5;+Q5;}^{n}\ \sum^{(\ )}_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}$$

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

$$\frac{(2\cdot n_{is}+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{+\mathbb{k}}^{n_{is}-j_{ik}-\mathbb{k}_1} \sum_{j_{ik}+1}
$$

$$
\sum_{(n_{ik}-j^{sa}-\mathbb{k}_2)}^{} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j_i}
$$

$$
\frac{(n_i - n_{is}}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{s - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(\ - n_{sa} - 1)!}{sa - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{Q5;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

$$\sum_{n_{sa}=}^{(\ )}\sum_{=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{\ }-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_{\ }-n_{ik}-j_{ik}-\ -\mathbb{k}-\ Q\ +j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq \mathrm{D}+s-\ \wedge$

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

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

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

$\mathrm{D}\geq\ <n\wedge I=Q\ >0\wedge$

$\ \leq j_{sa}^{i}\ 1\wedge j_{sa}^{ik}=j_{sa}\ 1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

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

$s\geq 4\wedge\mathbf{s}\ \ +Q5;\wedge$

$\mathbb{k}\ :z=2\ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ {}_{i}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q1\ldots Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}\ldots+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{sa}-j_{ik}-s-\mathbb{k}-Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

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

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

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

$D\geq\mathbf{n}<n\wedge I=Q5>0\wedge$

$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s},\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,\ldots,j_{sa}^{i}\}\wedge$

$s\geq 4\wedge\mathbf{s}\leq s+Q5;\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{i}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{i} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_{} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{} - n_{sa} - 1)}{(j^{sa} - j_{} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{+j_{sa}^{ik}-j_{sa})!}{(\mathbf{l_{sa}}+-j_{sa})!\cdot j_{sa}^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{Q5;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{s}-j_{ik}-s-\mathbb{k}-Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_{}-n_{ik}-j_{ik}-\ -\mathbb{k}-Q\ +j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_i}\leq\mathrm{D}+\mathrm{s}-\ \wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ \wedge\mathbf{l_{sa}}+\ -j_{sa}>\mathbf{l}_{\mathbf{k}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\ <\mathrm{n}\wedge\mathrm{I}=Q5>0\wedge$

$\ _{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s}-\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_{},\ ,j_{sa}^{i}\}\wedge$

$s\geq 4\wedge\mathbf{s}\ \ s+Q5;\wedge$

$\mathbb{k}\ :z=2\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ {}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{{}_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{Q5;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{s}-j_{ik}-s-\mathbb{k}-Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}-n_{ik}-j_{ik}-\ -\mathbb{k}-Q\ +j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\ \wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ \wedge\mathbf{l_{sa}}+\ -j_{sa}>\mathbb{k}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\ <n\wedge I=Q\ >0\wedge$

$\ \leq j_{sa}^{i}\ 1\wedge j_{sa}^{ik}=j_{sa}\ 1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

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

$s\geq 4\wedge\mathbf{s}\ \ s+Q5;\wedge$

$\mathbb{k}:z=2\ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\,,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{+j_{sa}^{ik}-j_{sa})!}{(\mathbf{l_{sa}}+-j_{sa})!\cdot j_{sa}^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{ik=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{Q5;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

$$\sum_{n_{sa}=}^{(\ )}\sum_{=}+j^{sa}-j_i)$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{s}-j_{ik}-s-\mathbb{k}-Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}-n_{ik}-j_{ik}-\ -\mathbb{k}-Q\ +j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_s}\leq\mathrm{D}-\mathbf{n}\ \wedge$

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

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

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

$\mathrm{D}+\ -\mathbf{n}<\mathbf{l_i}\leq\mathrm{D}-\mathbf{l_s}+s-\ -1\wedge$

$\geq\mathbf{n}<\ \wedge I=Q5;\geq\ \wedge$

$j_{sa}\leq j_{\ }-1\wedge\ -1\wedge j_{sa}^{s}=j_{sa}^{ik}-1\wedge$

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

$\geq 4\wedge\mathbf{s}\ s+Q5;\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ {}_{i}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_{} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{} - n_{sa} - 1)}{(j^{sa} - j_{} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathbf{l}_{i})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}$$

$$\frac{(\mathbf{l_{i}}-\mathbf{l_{i}})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_{i}})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{l_i}}\sum_{(j_{sa}=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j_{sa}=j_{i}+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\sum_{j_{i}=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_{i}=\mathbb{k}_{10};+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{s}+1)}^{(n_{i}-\mathbb{k}+1)}\sum_{n_{ik}=n_{is}+j_{s}-j_{ik}-\mathbb{k}_{1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_{2})}^{(\ )}\sum_{n_{s}=n_{sa}+j^{sa}-j_{i}}$$

$$\frac{(2\cdot n_{is}+j_{s}+\mathbb{k}_{2}-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(n_{is}+2\cdot j_{s}+\mathbb{k}_{2}-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}$$

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

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

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_{i}+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_{i}\leq\mathbf{n}\wedge$

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}
\sum_{i}^{\mathbf{l}-1}
\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j^{sa}+j_{sa}}
\sum_{}
\sum_{\mathbf{l_s}+s-k}
$$

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

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

$$
\sum_{n_i=Q}
\sum_{Q5;\ (n_{is}}
\sum_{-\mathbb{k}-j_s+1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

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

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}
\sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}{\left(\mathrm{j}_{\mathrm{ik}}+\mathbf{l_{sa}}-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{ik}}\right)!\cdot\left(\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}_{\mathrm{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j}_{\mathrm{i}})!}+$$

$$\sum_{\mathrm{k}=1}^{\mathrm{i}^{\mathbf{l}-1}}\sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}}}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1}^{\mathbf{l_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{k}}\sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_i}+\mathbf{l_{sa}}}^{(\ )}\qquad\sum^{-\mathrm{k}+1}\qquad\mathrm{k}+1$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\sum_{(\mathrm{n_i}-\mathrm{j_s}+}\qquad\sum_{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-}$$

$$=\mathbf{n}\qquad+1)\ \mathrm{n_{ik}}\qquad+\mathbb{k}_2-\mathrm{j_{ik}}+1$$

$$+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)\qquad+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}}\qquad+1)\quad\sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j}^{\mathrm{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j}^{\mathrm{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j}^{\mathrm{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}{\left(\mathrm{j}_{\mathrm{ik}}+\mathbf{l_{sa}}-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{ik}}\right)!\cdot\left(\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}_{\mathrm{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j}_{\mathrm{i}})!}+$$

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\ _{i}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;\,(n_{ik}=\mathbf{n}}^{n} \sum^{(n_i-j_{ik}-\mathbb{k}_1+1)} \quad -j_{ik}+1)$$

$$n_{ik}+j_{ik}-j \qquad (n_{sa} \qquad ^{sa}-j_i)$$

$$\sum_{n_{sa}=\mathbf{n}\ \ a+1} \sum \quad (n_s=\mathbf{n}-j_i+$$

$$\frac{-n_{ik}\ \ 1)!}{(j_{ik}\ \ 2)!\cdot(n_i\ \ _{k}+1)!}\cdot$$

$$\frac{(n_{ik}-\ \ a-1)!}{(j^{sa}-j_{ik}-\ \ )!\cdot(n_{ik}\ \ _{k}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ _{a}-n_s-1)!}{-j^{sa}-\ \ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;\,(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n} \sum^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

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

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

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

$$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}>\mathbf{l_{ik}}\wedge\ +j_{sa}-s=\mathbf{l}_{\ }\wedge$$

$$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-$$

$$D\geq \mathbf{n}<n\wedge I=Q5;\geq 0$$

$$j_{sa}\leq j^{i}_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_{\ }=j^{ik}_{sa}-1\wedge$$

$$\mathbf{s}\colon\{j^{s}_{s}\ \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}\ \ldots, j^{i}_{sa}\}\wedge$$

$$s\ \ 4\wedge \mathbf{s}=s\ \ Q5;\wedge$$

$$\mathbb{k}_z\ \ =2\wedge \mathbb{k}=\mathbb{k}_1\ \ \mathbb{k}_2\Rightarrow$$

$${}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-k-j^{ik}_{sa}+2)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-\mathbf{l_i}-k+1)!\cdot(\mathbf{l_i}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}\sum_{(j_s=1)}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+1)} \sum_{(n_{sa}} \sum_{n_{ik}=} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot \mathrm{n_{is}} + \quad + \mathbb{k}_2 - \mathrm{n_{ik}} - \quad - \mathrm{s} - \mathbb{k} - \ Q5;)!}{(\quad \cdot \mathrm{j_s} + \quad - \mathrm{n_{ik}} - \quad - \mathbf{n} - \mathbb{k} - \ Q5; -\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n} \quad \wedge \mathbf{l_s} \leq \mathrm{D} - \quad + 1 \wedge$

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

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

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + \quad = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = Q5; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i}^{\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-\quad)}^{(n_i-j_s+\quad} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}}^{n_{is}+j_s-\quad-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{(n_{ik}+j_{ik}-j^{sa}-\quad)} \sum_{\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-\quad)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(\quad-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad+j_{sa}^{ik}-\quad-j_{sa})!}{(\mathbf{l_{sa}}+\quad-j\quad)!\cdot(j_{sa}^{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=\quad+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\mathrm{fz}S_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{\mathrm{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_s})}^{(\ )}$$

$$\sum_{\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1}^{\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1} \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{s}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\ldots)}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\ldots k-j_{sa})!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+\ldots-\mathbf{n}-\mathbf{l_i})!\ldots j_i)!}+$$

$$\sum^{\ldots-1}\sum^{(\ )}_{(\ldots+\mathbf{l_s}-\mathbf{l_s})}$$

$$\sum^{\mathbf{l_{ik}}-k}_{\ldots\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}\ \sum^{(\mathbf{l_i}+\ldots k-s+1)}_{(\ldots=j_{ik}+j_{sa}-j_{sa}^{ik})}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\ldots Q10;+Q5;}\ \sum^{(n\ldots s+1)}_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}_{(n_{sa}=\mathbf{n}-j^{sa}+1)}\ \sum^{n_{sa}+j^{sa}-j_i}_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}} \sum_{(j_s=\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\ldots+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ {}_{i}\mathbf{l}-s+1\right)} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{\ldots=Q1\ldots}^{n} \sum_{(n_{ik}\ldots\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+\ldots)}$$

$$\sum_{\ldots n_{sa}=\mathbf{n}-j\ldots+1}^{\ldots j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - \ldots)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ )!(\mathbf{n}-j_i)!}$$

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

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

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

$$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}-j_{sa}>\mathbf{l_{ik}}\wedge \mathbf{l}_{\ }-j_{sa}-s=\mathbf{l_{sa}}\wedge$$

$$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\ -1\wedge$$

$$D\geq\ <n\wedge I=Q\ \geq 0\wedge$$

$$j_{sa}\leq j^{i}_{sa}-1\wedge\ =j_{sa}-\ \wedge j^{s}_{sa}=\ -1\wedge$$

$$\mathbf{s}:\{j_s,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\ ,j^{i}_{sa}\}\wedge$$

$$\geq 4\wedge \mathbf{s}\ \leq s+Q5;\wedge$$

$$\mathbb{k}_z:z\ \geq 2\wedge\mathbb{k}=\ \ \mathbb{k}_2\Rightarrow$$

$${}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{\mathbf{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ \ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=j_{sa}-\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-\mathbf{n}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\sum_{(j^{sa}=j_{ik}+j_{sa}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{is}-1)}^{(\ )-j_s+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+\mathbb{k}_1+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

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

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

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

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

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

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$j_{sa} \le j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \ge 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D} \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_i}+j_{sa}-k} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}} \sum_{j_i=j^{sa}+}^{-D-s)} \sum_{n_i=}^{n} \sum_{(n_i-j_s+1)}^{} \sum_{}^{j_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{}^{-j_{ik}+1} \sum_{}^{(n_{ik}} \sum_{}^{-j^{sa}-\mathbb{k}_2)} \sum_{}^{n_{sa}+j^{sa}-j_i} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1)}^{} \sum_{n_s=\mathbf{n}-j_i+1}^{}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(\quad - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

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

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-{}_{i}\mathbf{l}-s+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \cdots \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s})} \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{s}+1)} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}} $$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}\cdot$$

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

$$\sum_{k=}^{i^{l}}\ \sum_{l_s=}^{(\mathbf{l_s}-k+1)}\ \sum_{(D-s+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_i}+j_{ik}-k-s+1)}\ \sum_{(\ =j_{ik}+j_{sa}-j_{sa}^{ik})}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{Q10;+Q5;}^{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}} \sum_{(j_s=\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\ldots+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ {}_{i}\mathbf{l}-s+1\right)} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{\ldots=Q1\ldots}^{n} \sum_{(n_{ik}\ldots\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+\ldots)}$$

$$\sum_{\ldots n_{sa}=\mathbf{n}-j\ldots+1}^{\ldots j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - \ldots)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

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

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

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

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l}_{\cdot}-j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1\wedge$

$D\geq\ <n\wedge I=Q\ \geq 0\wedge$

$j_{sa}\leq j^{i}_{sa}-1\wedge\ =j_{sa}-\ \wedge j^{s}_{sa}=\ -1\wedge$

$\mathbf{s}:\{j_s,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,j_{sa},\ ,j^{i}_{sa}\}\wedge$

$\geq 4\wedge\mathbf{s}\ \leq s+Q5;\wedge$

$\mathbb{k}_z:z\ \ 2\wedge\mathbb{k}=\ \ \mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{_i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad \mathbf{l_i})!}{(\mathrm{D} \quad _i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

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

$$\sum_{n_i=Q10;+Q5} \sum_{=\mathbf{n}+\mathbb{k}-} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{n_{is} + 2 \cdot j_s \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$D \geq n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

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

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

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

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s \ldots + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

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

$$
\sum_{n_i=Q \ldots Q5;}^{n} \sum_{(n_{is} \ldots \mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik} \ldots -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots sa=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+\ldots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

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

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \cdots \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{\mathrm{j_{ik}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1}^{\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)} \sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}} $$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\text{[illegible]}}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\text{[illegible]}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}\text{[illegible]}j_{sa})!}\cdot$$

$$\frac{(\text{[illegible]}-\mathbf{l_i})!}{\text{[illegible]}-\mathbf{n}-\text{[illegible]}!\cdot(\mathbf{n}-j_{i})!}$$

$$\sum_{\text{[illegible]}=1}^{\mathbf{i}^{\text{[illegible]}}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{\text{[illegible]}j_{ik}=j_{sa}^{ik}\text{[illegible]}}^{\text{[illegible]}-k+1}\ \sum_{\text{[illegible]}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\text{[illegible]}-k+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\text{[illegible]}Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_{i}-n_{is}-1)!}{(j_{s}-2)!\cdot(n_{i}-n_{is}-j_{s}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_{s}-1)!\cdot(n_{is}+j_{s}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_{i})!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j^{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}} \sum_{(\mathrm{j_s}=1)}^{(\ )}$$

$$\sum_{\mathrm{j_{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathbf{l_i}}^{(\ \ -\ \ {}_{\mathbf{i}}\mathbf{l}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}^{\mathbf{l_i}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q}10,\ \ldots}^{\mathrm{n}} \sum_{(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}-\mathrm{j_{ik}}+1)}^{(\ \ \mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1}^{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2} \sum_{(\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1)}^{(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j^{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j^{sa}} - \mathrm{j_{sa}})!} \cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\ldots-Q\ldots)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}\ldots\mathbf{n}-\mathbb{k}-Q\ldots j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}\ldots-j_s-s)!}$$

$$\frac{(\mathbf{l_s}-k\ldots)}{(\mathbf{l_s}-\ldots-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\ldots-\mathbf{l_i})!}{(D\ldots-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+\ldots$

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

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq \ldots \leq j_i+j_{sa}-s\ldots+s-\ldots \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}+\ldots=\mathbf{l_s} \wedge \mathbf{l_{sa}}\ldots j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}}\ldots+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}\ldots j_{sa}\ldots-1 \wedge$

$D \geq \ldots \leq n \wedge I = Q5;\ldots 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-\ldots \wedge j_{sa}^{ik}=j_{sa}\ldots 1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=\ldots+Q5; \wedge$

$\ldots \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-\mathbb{k}_2-j^{sa})!}\cdot \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(j_s+j_i-\mathbb{k}_2-1)!\cdot(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_s}-j^{sa}-\mathbf{l_{ik}})!\,(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)} \sum_{j_{ik}=j_{sa}^{ik}}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)} \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{D+\mathbf{l_s}+\text{[illegible]}-\mathbf{l_i}} \sum_{(j_{s\text{[illegible]}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{s\text{[illegible]}}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\text{[illegible]}-D)}^{\text{[illegible]}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i\text{[illegible]}10;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{\text{[illegible]}_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

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

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

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}
\sum_{i^{l-1}}
\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}
\sum_{(\mathbf{l_{sa}}}
\sum_{(j^{sa}}^{+\mathbf{n}-D)}
\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q}^{n}
\sum_{Q5;\ (n_{is}}
\sum_{-\mathbb{k}-j_s+1)}
\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}
\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}})!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i^{l-1}}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}}}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{sa}}+\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{D}-\mathrm{j_{sa}}}^{\mathbf{l_{ik}}-k+1} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}}^{(\mathbf{l_{sa}}-k+1)} \sum^{\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;+Q5)}}^{\mathrm{n}} \sum_{=\mathrm{n}}^{(\mathrm{n_i}-\mathrm{j_s}+} \sum_{+1)\ \mathrm{n_{i}}}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}} \sum^{+\mathbb{k}_2-\mathrm{j_{ik}}+1}$$

$$+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2 \qquad +\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}}^{} \sum_{+1)\ \ \mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 1)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}})!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

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

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$n_{ik}+j_{ik}-j^{\ }$$

$$\sum_{n_{sa}=\mathbf{n}}^{\ +1} \sum_{(n_s=\mathbf{n}-j_i+}$$

$$\frac{-n_{ik}}{(j_{ik}-\ )!\cdot(n_i-\ _{k}+1)!}\cdot$$

$$\frac{(n_{ik}-\ -1)!}{(j^{sa}-j_{ik}-\ )!\cdot(n_{ik}-\ _{k}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ -n_s-1)!}{(\ -j^{sa}-\ )!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - \ )!}$$

$$\frac{(\mathbf{l_s} - k - \ )!}{(\mathbf{l_s} - j_s - k + 1)! \ (j_s - 2)!}$$

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

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

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

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

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \ + j_{sa} - s = \mathbf{l}_{\ } \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + \ - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \ 4 \wedge \mathbf{s} = s \ Q5; \wedge$

$\mathbb{k}_z \ = 2 \wedge \mathbb{k} = \mathbb{k}_1 \ \mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s \ , j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\quad sa)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\quad !\cdot(j^{sa}+\quad -j_{ik}-j_{sa})!}$$

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

$$\sum_{k=\ _{\mathbf{i}}\mathbf{l}}^{(\ \ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _{\mathbf{i}}\mathbf{l}+1\right)}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{ik}}\right)!\cdot\left(\mathrm{j}^{\mathrm{sa}}-\mathrm{j}_{\mathrm{sa}}\right)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j}_{\mathrm{i}})!}\ -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}}}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{sa}}+\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{D}-\mathrm{j_{sa}}}^{\mathbf{l_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{k}}\ \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j}}\ \sum_{-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\ \sum_{(\mathrm{n_i}-\mathrm{j_s}+1}\ \sum_{+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot\mathrm{n_{is}}+\mathbb{k}_2-\mathrm{n_{ik}}-\mathrm{s}-\mathbb{k}-\ \mathrm{Q5};)!}{(2\cdot\mathrm{j_s}+\mathrm{n_{ik}}-\mathbf{n}-\mathbb{k}-\ \mathrm{Q5};-\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!}\cdot$$

$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

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

$\mathrm{D}\geq\mathbf{n}\ \wedge\mathbf{l_s}\leq\mathrm{D}-\ +1\wedge$

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

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

$\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+\ =\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}}\wedge$

$\mathrm{D}+\mathrm{j_{sa}}-\mathbf{n}<\mathbf{l_{sa}}\leq\mathrm{D}+\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{n}-1\wedge$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};\geq0\wedge$

$\mathrm{j_{sa}}\leq\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j_{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$

$\mathbf{s}\colon\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}\wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1-j_i+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i+1}^{n_{is}+j_s-n_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{(n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_{sa}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{sa}}+j^{ik}_{sa}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j^{ik}_{sa}-j_{ik}-j_{sa})!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-k-j^{ik}_{sa}+2)}
$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \left(\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{} \right) \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \left(\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \right) \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

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

$$\sum_{k=\ \mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \left(\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \right)$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

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

$$\sum_{=1}^{D+\mathbf{l_s}\quad-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{\quad ik=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

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

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

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik}}^{DOSD}{}_{j_i} = \sum_{k=1}^{i^{l-1}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})} \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{\mathbf{l_i}-1}\sum_{\mathbf{l_{sa}}=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)}\sum_{(j^{sa}+j_{sa}-j_{sa}^{ik})}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_{is}=10;+Q5;\,(n_{is}=\mathbb{k}-j_s+1)}^{n}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{(n_i-j_s+1)}\sum_{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q1}^{n}\sum_{05;\ (n_{ik}=\mathbf{n}+\mathbb{k}-j}^{(n_i-j_{ik}\ \ \ _1+1)}$$

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

$$\sum_{a=\mathbf{n}-j^{s}}\sum_{-j_i+1)}$$

$$\frac{(\ \ \cdot n_{ik}-1)!}{(j_{ik}\ \ 2)!\cdot(n_{i}\ \ n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_i\ \ -n_{sa}-1)!}{(j^{s}\ \ _{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s}\ldots}\cdot$$

$$\frac{}{+j_{sa}^{s}-\ldots-s)!}\cdot$$

$$\frac{(\mathbf{l}_{\ldots}-k-1)!}{(\mathbf{l_s}-j_s-\ldots+1)!\cdot(j_s-\ldots}\cdot$$

$$\frac{(D-\ldots)!}{(\ldots+j_i-\mathbf{n}-\ldots(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

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

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

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{s} \ldots - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l} \ldots j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq \ldots - 1 \wedge j_{sa}^{ik} = \ldots - 1 \wedge j_{sa}^{s} = j_{s} \ldots \wedge$

$\mathbf{s}$: $\ldots^{s}_{sa}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k} \ldots_{sa}, \cdots, j_{s} \ldots \wedge$

$s \geq \ldots \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_z: z = 2 \ldots \mathbb{k} = \mathbb{k}_1 + \mathbb{k} \ldots \Rightarrow$

$$ {}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s)} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(j_i + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{j_i=s}^{\mathbf{l_i} - \ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

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

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\ldots j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{\ldots=j_i+j_{sa}-s)}^{\ldots)}\sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=\ldots0;+Q5;}^{\ldots}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\ldots n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ \mathbf{l_i}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ \ 5;\wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s)} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(j_i + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa} \quad}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{j_i=s}^{\mathbf{l_i} - \ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

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

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\ldots-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=\ldots0;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\ldots_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ \mathbf{l}_i}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{i}\ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: z\ 2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ \mathbf{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ \mathbf{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i} - \ \mathbf{i}\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

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

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\ldots k=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{\ldots j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+\ldots k-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\ldots 0;+Q5;}^{\ldots}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ \ {}_i\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(\mathbf{n}-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ _2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i} - \ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(\quad\mathbf{l}_{\mathbf{i}})!}{(D+j_{\quad}-\mathbf{n}-\mathbf{l_i})!\quad j_i)!}-$$

$$\sum_{\quad}^{\quad-1}\ \sum_{(j_{\quad}=\quad)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}\ \sum_{(j^{sa}=j_{sa}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=}^{(n_i-\quad-1)}\ \sum_{0;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\quad n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ \ \mathbf{l}}^{(\quad)}\ \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n}$$

$$\sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\cdot})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ _2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} -\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i} -\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - \mathbf{l_{ik}})! \cdot (\quad - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \quad - s)!}{(j^{sa} + \mathbf{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!}$$

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

$$\sum_{k=1}^{1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \quad} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}\sum_{j_i}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i}^{(\ )}{}_{-\mathbb{k}_1+1)}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s \quad -\mathbb{k}-\quad \cdot+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}\quad \mathbb{k}-Q\quad \quad (\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s\quad -\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D\geq \mathbf{n}<n\wedge \mathbf{l_i}\leq D+s-\mathbf{n}\wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l}\quad \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}\quad \mathbf{l_{ik}}\wedge \mathbf{l_i}\quad sa-s>\mathbf{l_{sa}}\wedge$

$D\geq \mathbf{n}<n\quad =Q5;\quad 0\wedge$

$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}=j_{sa}-\quad j_{sa}^{s}\quad sa-1\wedge$

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

$s\geq 4\wedge \mathbf{s}=\quad +Q5;\wedge$

$\mathbb{k}_z:\quad \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ _{i}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)}\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} -\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i} -\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-}{(n_s+j_{}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{+j_{sa}^{ik}-}{(\mathbf{l_{sa}}+-j_{sa})!\cdot j_{sa}^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{s}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}})!\cdot(+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(\mathrm{j_s}=1}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j_{sa}}=\mathrm{j_i})} \sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}}^{\mathrm{n}} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j_{ik}} - \mathbb{k} - \mathrm{Q5}; +2 \cdot \mathrm{j^s_{sa}})!}{(2 \cdot \mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbf{n} - \mathrm{Q5}; +\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

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

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

$\mathbf{l_{ik}} - \mathrm{j_{sa}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \leq \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{D} = \mathrm{Q5}; \geq \mathrm{D} \wedge$

$\mathrm{j_{sa}} = \mathrm{j_{sa}} + 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^s_{sa}} = \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \mathbb{k}_1, \mathrm{j_{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^i_{sa}}\} \wedge$

$\mathrm{s} \geq \mathrm{D} \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_{ik}}-\mathrm{k}-\mathrm{j^{ik}_{sa}}+2)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - \quad n - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + \quad - \mathbf{l_{sa}} - s)!}{(j^{sa} + \quad - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i}$ $D+s-$ $\wedge$

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

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

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

$D \geq \mathbf{n} <$ $=Q5; \geq 0 \wedge$

$<j^{i}$ $1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{\mathrm{fz}}S^{\mathrm{DOSD}}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_{i2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} \quad n_{ik} - 1)!}{(j_{ik} - j_s \quad 1)! \cdot (n \quad j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{i} - n_{sa} - 1)!}{(j \quad j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

$$
\sum_{k=\ {}_{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ {}_{i}\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_i=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^s_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^s_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

$$\sum \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{2\cdot\ +\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j^s_{sa})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j^s_{sa})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D\ \mathbf{n} < \ \wedge \mathbf{l_s} \le D-\mathbf{n}+1 \wedge$

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

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

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

$D+s-\mathbf{n}<\mathbf{l_i} \le D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \ge \mathbf{n} < n \wedge I=Q5; \ge 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s \ldots + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

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

$$
\sum_{n_i=Q \ldots Q5;}^{n} \sum_{(n_{is} \ldots \mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik} \ldots -j_{ik}+1}^{\ldots s+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots sa=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+ \ldots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

$$\sum_{\mathrm{k}=1}^{\mathbf{l_i}-1}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathbf{l_{ik}}-\mathrm{k}+1}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathrm{k}+1)}\ \sum_{\mathrm{j_i}=\mathbf{l_{ik}}-\mathrm{k}-\mathrm{j_{sa}^{ik}}+2}^{\mathbf{l_i}-\mathrm{k}+1}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;}+\mathrm{Q5;}}^{\mathrm{n}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\quad+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum_{\mathrm{n_{ik}}=\mathbf{n}+\quad+1}^{\mathrm{n_{is}}+\mathrm{j}\quad-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\quad)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}\quad-\mathbb{k}_2)}\ \sum_{\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-}$$

$$\frac{-\mathrm{n_{is}}-1)!}{-2)!\cdot(\quad-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\quad-\mathrm{n_{ik}}-1)!}{-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\quad-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}})!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

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

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$$\sum_{k=\ _{i}l}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(l_{sa}-\ _{i}l+1\right)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-\ _{i}l+1} \sum_{j_i=l_i+n}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{-j_{ik}+1)}$$

$$n_{ik}+j_{ik}-j^{\ } \quad {}^{sa}-j_i)$$

$$\sum_{n_{sa}=n}^{\ } \sum_{+1}^{\ } \quad (n_s=n-j_i+$$

$$\frac{-n_{ik}\ \ 1)!}{(j_{ik}\ \ )!\cdot(n_i\ \ _{k}+1)!}\cdot$$

$$\frac{(n_{ik}-\ \ -1)!}{(j^{sa}-j_{ik}-\ \ !\cdot(n_{ik}\ \ _{k}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ -n_s-1)!}{(\ \ -j^{sa}-\ \ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(n-j_i)!}\cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(l_{sa}+j_{sa}^{ik}-j^{sa}-l_{ik})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{D+l_s+s-n-l_i} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

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

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

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

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{s} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l}_{} - j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q \geq 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^{s}_{sa} = \ - 1 \wedge$

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

$\geq 4 \wedge \mathbf{s} \ s + Q5;\wedge$

$\mathbb{k}_z: z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j_i - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j_i + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} -\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s -$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik}\right.$$

$$\frac{(\mathbf{l_i} + j_{sa} -$$

$$\frac{(D -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s}$$

$$\sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}$$

$$\sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\ )}$$

$$\sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - k}$$

$$\sum_{n_i = Q10; + Q5;}^{n}$$

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

$$\sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

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

$$\sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{j}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\mathrm{fz}_{\mathrm{j_{ik}},\mathbb{k},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{QSD}} \sum_{\mathbf{l_i}=1}^{\mathbf{l_i}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})} \sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1)} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\mathrm{k}+1}$$

$$\sum_{\mathrm{i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\ )!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{\quad}^{\quad-1}\ \sum_{(\quad}^{(\quad)}$$

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

$$\sum_{\quad Q10;+Q5;}^{(\quad s+1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{l_{ik}}-1} \quad \sum_{(j_s=j \quad \mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \quad \sum_{(\mathbf{l_{sa}} \quad +1)} \quad \sum_{\quad 1} \quad j_i=j^{sa}+s-j_{sa}$$

$$\sum_{n_i=Q10;+} \quad \sum_{(n_{is}=\mathbf{n}+\mathbb{k} \quad +1)} \quad \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1} \quad n_{is}-j_{ik}-\mathbb{k}_1$$

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

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1)} \quad \sum_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}+1)}\sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+}$$

$$\sum_{n_i=Q1\ \ Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{\ }1)}^{(n_i-j_{ik}\ \ k_1+1)}$$

$$\sum_{\ \ a=\mathbf{n}-j^{sa}+}^{n_{ik}+j_{ik}-j\ \ k_2}\sum_{\ \ -j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_{\ }\ n_{ik}-1)!}{(j_{ik}\ \ 2)!\cdot(n_{\ }\ n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{i}\ -n_{sa}-1)!}{(j^{sa}\ \ j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

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

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

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

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l}_{\cdot} - j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q \ > 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^{s}_{sa} = \ - 1 \wedge$

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

$\geq 4 \wedge \mathbf{s} \ s + Q5;\wedge$

$\mathbb{k}_z: z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j_i - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i} - \ _i\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - \quad)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} \quad j^{sa} - s)!}$$

$$\frac{(\quad \mathbf{l})!}{(D + j \quad - \mathbf{n} - \mathbf{l_i})! \quad j_i)!} -$$

$$\sum_{\quad} \quad \sum_{(j_s \quad +\mathbf{l_s} - \mathbf{l_{ik}})}^{D+\mathbf{l_s}+s \quad -\mathbf{l_i}} \quad \sum^{(\quad)}$$

$$(j_s \quad -k)$$

$$\sum_{-j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa} \quad +\mathbf{n}+j_{sa} \quad -s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$(n_i - \quad 1)$$

$$\sum_{n_i \quad 10;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum^{(\quad)} \quad \sum$$

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

$$\frac{(2 \quad _{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{\quad _s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \sum_{i=1}^{\mathbf{l}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_s})} $$

$$ \sum_{j_{ik}=\mathbf{l_i}+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-1} \sum_{(j_{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_{sa}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1} $$

$$ \sum_{n_i=Q5;\, (n_{is}=\mathbb{k}-j_s+1)}^{n} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} $$

$$ \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} $$

$$ \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot $$

$$ \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot $$

$$ \frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot $$

$$ \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot $$

$$ \frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot $$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s = \quad + \mathbf{l_s} - \mathbf{l_s})}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-} \sum_{(j^{sa}=j_{ik}+j_{sa} \quad -k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}+1)}\sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}}$$

$$\sum_{n_i=Q1\ldots Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{\ldots}+1)}^{(n_i-j_{ik}\ldots k_1+1)}$$

$$\sum_{\ldots a=\mathbf{n}-j^{sa}+\ldots}^{n_{ik}+j_{ik}-j\ldots k_2}\sum_{\ldots-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_{\ldots}-n_{ik}-1)!}{(j_{ik}\ldots 2)!\cdot(n_{\ldots}-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{i\ldots}-n_{sa}-1)!}{(j^{sa}\ldots j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

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

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q \geq 0 \wedge$

$j_{sa} \leq j^i_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^s_{sa} = \ - 1 \wedge$

$\mathbf{s}$: $\{j \ \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \ j^i_{sa}\} \wedge$

$\geq 4 \wedge \mathbf{s} \ s + Q5;\wedge$

$\mathbb{k}_z : z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j_i - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s -$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa}\right.}{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}})! \cdot (j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - s)!}{(j^{sa} + \mathbf{l_i} - j^{sa} - s)! \cdot (j_i + \mathbf{n} - j^{sa} - s)!}$$

$$\frac{(D$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s \quad \mathbf{l_i}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{j}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{\mathbf{l_i}-1} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{sa}}-\mathrm{k}+1)} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\mathrm{k}+1} \sum_{\mathrm{k}=1}^{\mathrm{n}} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s})}$$

$$\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-\ldots)!}\cdot$$

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

$$\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s}^{(l_{ik}-k-\ldots+2)}\sum$$

$$\sum_{j_{ik}=\ldots}^{(\mathbf{l_{sa}}-k+1)}\sum^{\mathbf{l_i}-k+1}\sum_{\ldots}^{\ldots}$$

$$\sum_{n_{\ldots}=10;+Q5;}^{n}\sum^{(n_i-j_s+\ldots}\sum_{(n_{is}=\ldots-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j^{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - \mathrm{s})!} \cdot$$

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

$$\sum_{k=\ \mathbf{i}l}^{(\ \ )} \sum_{(j_s=1}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ \mathbf{i}l+1\right)} \sum_{\ \ \ \

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )} \left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right) \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}-j_{sa}^{s}-j_s-s)!}$$

$$\frac{(\mathbf{l_s}-\quad)!}{(\mathbf{l_s}-\quad-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{(\quad-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

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

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

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

$\mathbf{l_{ik}}-j_{sa}+\quad=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\quad+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\quad+\mathbf{l_s}+\quad-\mathbf{n}-\quad \wedge$

$D \geq \quad < n \wedge I=Q5;\quad 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-\quad \wedge j_{sa}^{ik}=j_{sa}\quad 1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=\quad+Q5; \wedge$

$\quad \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-1)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-1)!}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{s} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - \quad - \mathbf{l_{sa}})! \cdot (\quad + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} = j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{s}S^{D}_{\ldots ik,j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

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

$$\sum_{k=}^{i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\quad)}\sum_{j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_i}-k+1}\sum_{j_i=\mathbf{l_s}+s-k+1}$$

$$\sum_{Q10;+Q5;}^{(n_{is}+1)}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\ \sum_{(j_s=1}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l}}\ \sum_{(j^{sa}=j_i+}^{(\ )}\ \sum_{=s}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+1}$$

$$\sum_{n_i=}^{n}\ \sum_{05:\,(n_{i}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1}$$

$$\sum_{n_{sa}=\mathbf{n}-}^{+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-\ )!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\ \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{}{+j_{sa}^{s}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\mathbf{l}_{\cdot}}{(D-j_i-\mathbf{n}-\mathbf{l}_{\cdot}-j_i)!}-$$

$$\sum_{k=\ \mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

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

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

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

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$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{l_i}-(j_{ik}-j_{sa}^{ik}+1)} \sum_{=2)}
$$

$$
+j_{sa}-k)
$$

$$
\sum_{j_{ik}=j} \sum_{\mathbf{l_{sa}}\ (j^{sa}=j_{sa}} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
-j_s+1) \qquad j_{ik}-\mathbb{k}_1
$$

$$
\sum_{n_i=Q10;+Q} \sum_{j_{is}=\mathbf{n}+\mathbb{k}} \sum_{1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

$$
j_{ik}+j_{ik}-j \quad -\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

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

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

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

$$\frac{(n_i - n_{} - 1)!}{(j_s - 2)! \cdot (n_{} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{} - n_{sa} - 1)!}{(j_{} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s-j_i-\mathbf{n}+j_i)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{i^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(\mathrm{j_s}=1}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}-\mathrm{j}} \sum_{\mathrm{j_{sa}}=\mathrm{j}} \sum_{\mathrm{j_i}=\mathrm{s}}^{(\ )}$$

$$\sum_{\mathrm{Q5};\ (\mathrm{n_{ik}}}^{\mathrm{n}} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j_{ik}} - \mathbb{k} - \mathrm{Q5}; +2 \cdot \mathrm{j^s_{sa}})!}{(2 \cdot \mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbf{n} - \mathrm{Q5}; +\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \mathrm{D} + \mathrm{s} - \mathbf{n} \wedge$

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

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

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{s} = \mathrm{Q5}; > \mathrm{s} \wedge$

$\mathrm{j_{sa}} = \mathrm{j_{sa}} + 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^s_{sa}} = \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \mathbb{k}_1, \mathrm{j_{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^i_{sa}}\} \wedge$

$\mathrm{s} \geq \mathrm{s} \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j^{ik}_{sa}}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}l-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - l_s - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}-1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(\quad-j_{sa}^{ik})!}$$

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

$$\sum_{\quad}^{\quad-1}\sum_{(\quad-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}-k}\ \sum_{(\quad=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=\quad0;+Q5;}^{n_i-1}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\quad+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\quad\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\quad)}\sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ldots Q5;+\ldots j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ldots Q5;+j_{sa}^{s})!\ldots -s)!}\cdot$$

$$\frac{\ldots D-\mathbf{l_i})!}{\ldots+s-\mathbf{n}\ldots!)!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

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

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

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ldots_{sa}-\ldots \wedge \mathbf{l_i}+j_{\ldots}-s=\mathbf{l}_{\ldots} \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;\geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{i}\ldots j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ldots_1, j_{sa}^{ik}\ldots\mathbb{k}_2, j_{sa}\ldots j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s}=s+\ldots 5;\wedge$

$\mathbb{k}_z: \ldots 2 \wedge \mathbb{k}=\mathbb{k}_1+\ldots_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1}\sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-l_s-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}^{} \sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)} \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} - 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (\text{[illegible]}_k - j_{sa}^{ik})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_i})!}{(D + j\text{[illegible]} - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]}j_i)!} -$$

$$\sum_{k=\text{[illegible]}}^{\text{[illegible]}_i\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{\text{[illegible]}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=\text{[illegible]}0;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}-1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(\text{[illegible]}_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=\text{[illegible]}_i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

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

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

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

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

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+\ \ -\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq\ \ -1 \wedge j_{sa}^{ik}=\ \ -1 \wedge j_{sa}^{s}=j_{sa}\ \ \wedge$

$\mathbf{s}: (j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}\ \ \wedge$

$s \geq\ \ \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}\ \ \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{s}+1)!}{(j_s+\mathbf{l_{ik}}-\quad)!\cdot(j_{ik}\quad -j^{ik}_{sa}+1)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+} \sum_{} \sum_{(n_i-j_s+1} \sum_{n_i=Q10;+Q5;(} \sum_{} \sum_{(n_{sa}} \frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - \mathbb{k} - s - \mathbb{k} - Q5;)!}{(2 \cdot j_s + - n_{ik} - - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n}$ $\wedge \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

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

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

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +$ $> \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = Q5; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

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

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s-\mathbb{k}-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+}^{(n_{ik}+j_{ik}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{}^{-j_i+1}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_s-\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}\quad+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-\quad)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l_s}-\quad+1)!}{(\mathbf{l_{ik}}-j_{ik}-\quad-1)!\cdot(\quad-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\quad+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\mathrm{fz}S_{\mathrm{j_s}}^{\mathrm{DO}}{}_{\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}$$

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

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}})!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\sum_{k=}^{i\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_i}+j_{sa}^{ik}-\quad+1}\ \sum_{j_{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}}^{\quad)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\quad Q10;+Q5;}^{(n_{is}+1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ \ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=\ \ }^{(\ \ )}$$

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

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

$$\sum_{n_{sa}=\mathbf{n}-\ \ 1}^{\ \ +j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(\ \ -j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - \ \ ! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ \ - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ )!(\mathbf{n}-j_i)!}$$

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

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

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

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

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\ -1 \wedge$

$D \geq \ < n \wedge I=Q5; > 0 \wedge$

$j_{sa} \leq j^i_{sa}-1 \wedge\ =j_{sa}-\ \wedge j^s_{sa}=\ -1 \wedge$

$\mathbf{s}$: $\{j_s, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \ , j^i_{sa}\} \wedge$

$s \geq 4 \wedge \mathbf{s} \leq s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{_i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_i}+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l_s} - j_{sa}^{ik} \quad)}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ \mathbf{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_i}\text{a}-\ \mathbf{i}\mathbf{l}-s+1} \quad \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )} \quad \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \quad \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \quad \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{l_s}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbb{k})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{-j_s+1}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+\mathbb{k}_2+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

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

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

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

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

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

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$j_{sa} \le j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \ge 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa}=j_i+\mathbf{l}_{s}}^{\mathbf{l}_s+s} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-}^{} \sum_{n_i=}^{n} \sum_{(n_i-j_s+1)}^{} \sum_{n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{} \sum_{+Q5;\ (n_{is}}^{} \sum_{+\mathbb{k}-j_s+1)}^{} \sum_{-j_{ik}+1}^{} \sum_{(n_{ik}}^{} \sum_{-j^{sa}-\mathbb{k}_2)}^{} n_{sa}+j^{sa}-j_i \sum_{n_{sa}=\mathbf{n}-j^{sa}+1)}^{} \sum_{n_s=\mathbf{n}-j_i+1}^{}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

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

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\ \sum_{j_i=\mathbf{l_s}+s-k+}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}}$$

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

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{ik} + j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}\ \sum_{(j_s=1)}^{(\ )}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-1)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\sum_{k=2}^{i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}-\mathbf{l_s}+j_{sa}-k+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{Q10;+Q5;}^{(n_{is}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathrm{j_s} + \mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s})! \cdot (\mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1)!} \cdot$$

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

$$\sum_{k=\ _{i}l}^{(\ )} \sum_{(j_s=}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _{i}l+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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

$$j_{ik}-j^{sa}-\mathbb{k}_2 \ (\ \ j^{sa}-j_i)$$

$$\sum_{n_{sa}=\mathbf{n}-j_i+1}^{} \sum_{(n_s=\mathbf{n}-j_i+1)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - \quad)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\quad - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

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

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

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

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l}_{\cdot} - j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \ < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j^i_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^s_{sa} = \ - 1 \wedge$

$\mathbf{s}: \{j_s, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \ , j^i_{sa}\} \wedge$

$s \geq 4 \wedge \mathbf{s} \ s + Q5; \wedge$

$\mathbb{k}_z: z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}}^{\mathbf{l_s}+j^{ik}_{sa}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} \quad - j_{sa}^{ik} \quad)}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \quad \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \quad \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{n})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{=\mathbf{n}+\mathbb{k}-j_s}^{j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+\ \ +\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ \ n_{is}+2\cdot j_s\ \ \mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$D \geq \ \ n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

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

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

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

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}-\mathbf{l_{ik}})}^{(\ldots)} \sum_{j_i=j^{sa}+\mathbf{l_i}}^{\ldots}
$$

$$
\sum_{n_i=Q5;\ Q5;}^{n} \sum_{(n_{is}=\ldots\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ldots-j_{ik}+1}^{\ldots+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+\ldots-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

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

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\ \ +1)}^{(n_{ik}+j_{ik}\ \ )} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i-\ \ -j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

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

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s-j_i-\mathbf{n}+n_s-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

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

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

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

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

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

$\mathrm{D} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{n} < \mathbf{l_{ik}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} \geq 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)} \sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_i}+\mathbf{l_{sa}}-\mathbf{l_i})} \sum_{\mathrm{j_i}=\mathbf{l_{ik}}+\mathrm{s}+\mathbf{n}-\mathrm{D}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}}^{\mathbf{l_s}+\mathrm{s}-\mathrm{k}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}} $$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}})!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\quad+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l}\quad\cdot(j_{ik}-j_s\quad+1)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{\quad-\mathbf{n}-\quad)!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\quad}\sum_{(j_s=2)}^{\quad-k+1)}$$

$$\sum_{j_{ik}=j^{sa}}^{\quad}\sum_{\quad=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\quad)}\sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{\quad Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j_{sa}^{ik}} + 1\right)!}{(\mathrm{j_s} + \mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s})! \cdot (\mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j_{sa}^{ik}} + 1)!} \cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}} \sum_{(\mathrm{j_s}=1)}^{(\ )}$$

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

$$\sum_{\mathrm{n_i}=\mathrm{Q10}, \ldots 5;}^{\mathrm{n}} \sum_{(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}-\mathrm{j_{ik}}+1)}^{(\mathrm{n_i}=\mathbf{n}-\mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1}^{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2} \sum_{(\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1)}^{(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{ik}} - 1)!}{(\mathrm{j_{ik}} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j_{sa}^{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}})!} \cdot$$

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

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-$$

$$\frac{1}{(\mathbf{n}$$

$$\frac{(\mathbf{l_s}-$$

$$\frac{-\mathbf{l_i})!}{(\mathbf{l}$$

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

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

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq$$

$$\mathbf{l_{ik}}-$$

$$D+j_{sa}^{ik}-\mathbf{n}<\mathbf{l}$$

$$D\geq$$

$$j_{sa}\leq j_{sa}^{i}-$$

$$\mathbf{s}:\{j^{s}$$

$$s\geq 4\wedge \mathbf{s}=$$

$$\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)}{(j^{sa} - j_{ik} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{ik}}+j_{sa}-\ _i\mathbf{l}-j_{sa}^{ik}+1\right)} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} - 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (\text{[illegible]}_k - j_{sa}^{ik})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_i})!}{(D + j\text{[illegible]} - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]}j_i)!} -$$

$$\sum_{k\text{[illegible]}}^{D+\mathbf{l_s}+\text{[illegible]}-\mathbf{l_i}} \sum_{(j\text{[illegible]}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}\text{[illegible]}^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_{ik}}\text{[illegible]}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_s}+\text{[illegible]}k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i\text{[illegible]}0;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(\text{[illegible]}_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

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

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

$D + j_{sa}^{ik} - \mathbf{n} < \mathbf{l_{ik}} \leq D + \mathbf{l_s} + j_{sa}^{ik} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{j} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$fzS_{j_s,j_{ik},j^{sa},j}^{DOSD} = \sum_{i=1}^{} \sum_{(j_s=2)}^{(+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{D\,(j^{sa}=j_i}^{(} \sum_{-\mathbf{l_{ik}})\; j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q}^{n} \sum_{+Q5;\,(n_{is}=}^{-j_s+1)} \sum_{\mathbb{k}-j_s+1)\; n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\ldots}^{(\ )} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5}^{n} \sum_{\ldots+1)}^{(n_i-j_s+\ldots} \sum_{n_{i\ldots}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\mathbf{n}\ldots+1)}^{\ldots+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{n_s=\mathbf{n}-j_i+1}^{\ldots-j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ldots)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

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$$\sum_{k=\ _i l}^{(\ )} \sum_{(j_s=1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} -j_{ik}+1)$$

$$n_{ik}+j_{ik}-$$ $$(n_{sa}$$ $$^{sa}-j_i)$$

$$n_{sa}=\mathbf{l}$$ $$^{a}+1$$ $$(n_s=\mathbf{n}-j_i$$

$$\frac{(n_i - n_{ik}$$ $$1)!}{(j_{ik}$$ $$2)! \cdot (n_i$$ $$_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik}$$ $$_a - 1)!}{(j^{sa} - j_{ik}$$ $$)! \cdot (n_{ik}$$ $$_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_a - n_s - 1)!}{-j^{sa}-1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^s_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^s_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

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

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

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

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

$\mathbf{l_{ik}}-j^{ik}_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}} \wedge \ +j_{sa}-s=\mathbf{l}_{\ } \wedge$

$D+j^{ik}_{sa}-\mathbf{n} < \mathbf{l_{ik}} \leq D+\mathbf{l_s}+j^{ik}_{\ }-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5; \geq 0$

$j_{sa} \leq j^{i}_{sa}-1 \wedge j^{ik}_{sa}=j_{sa}-1 \wedge j_{\ }=j^{ik}_{sa}-1 \wedge$

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

$s\ 4 \wedge \mathbf{s}=s\ Q5;\wedge$

$\mathbb{k}_z\ =2 \wedge \mathbb{k}=\mathbb{k}_1\ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j^{ik}_{sa})}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_s - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{s}+1)!}{(j_s+\mathbf{l_{ik}}-\quad 1)!\cdot(j_{ik}\quad -j^{ik}_{sa}+1)!}$$

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

$$\sum_{k=\ _i\mathbf{l}}\ \sum_{(j_s=1)}^{(\ \ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}}^{(\ )} \sum_{}^{} \mathbf{l_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{}^{(n_i-j_s+1)} \sum_{}^{} n_{ik}=+j_s-j_{ik}-\mathbb{k}_1$$

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

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot j_s + - n_{ik} - - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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

$D \geq \mathbf{n} \wedge \mathbf{l_i} \leq D + - \mathbf{n} \wedge$

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

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

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

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_s}+s-k} \sum_{j_i=s+}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+}^{(n_i-j_s+1)} \sum_{}^{n_{is}-j_{ik}-\mathbb{k}_1} \sum_{=\mathbf{n}+\mathbb{k}}^{j_{ik}+1}
$$

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

$$
\sum_{=\mathbf{n}-j^{sa}}^{} \sum_{n_s=\mathbf{n}-j_i+1}^{}
$$

$$
\frac{(n_i - n_{is}}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k+1}^{} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-1)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-1)!}{(j^{sa}-\quad-1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_{sa}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_{sa}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\ (n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i}$ $D+s-$ $\wedge$

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

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

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

$D \geq \mathbf{n} <$ $=Q5; \geq 0 \wedge$

$<j^{i}$ $1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}} \sum_{}^{\mathbb{k}_2-j_{ik}+1}
$$

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

$$
\frac{(n_i - n_{} - 1)!}{(j_s - 2)! \cdot (n_{} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{} - n_{sa} - 1)!}{(j_{} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}\quad+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-\quad)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_{sa}} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j}_{\mathrm{s}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j}_{\mathrm{s}}-\mathrm{k}+1)!\cdot(\mathrm{j}_{\mathrm{s}}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-}$$

$$\sum_{\mathrm{k}=}^{(\ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}}\sum_{\mathrm{k}\ (\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{sa}})}\sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10},}^{\mathrm{n}}\sum_{;\ (\mathrm{n_{ik}}=\mathrm{n_i}-\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot\mathrm{n_i}+\mathbb{k}_2-\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{ik}}-\mathrm{s}-\mathbb{k}-\ \mathrm{Q5};+2\cdot\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!}{(\mathrm{n_i}+\mathbb{k}_2-\mathrm{n_i}-\mathrm{j_{ik}}-\mathbf{n}-\mathbb{k}-\ \mathrm{Q5};+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!\cdot(\mathbf{n}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{s})!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_i}$ $\mathrm{D}+\mathrm{s}-$ $\wedge$

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

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

$\mathbf{l_{ik}}-$ $+1>$ $\mathrm{j_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}>\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\mathbf{n}<$ $=\mathrm{Q5};\geq 0\wedge$

$<\mathrm{j}^{\mathrm{i}}$ $1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j_{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$

$\mathbf{s}\colon\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}\wedge$

$\mathrm{s}\geq 4\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_{\mathrm{z}}\colon\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

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$$
{}_{\mathrm{fz}}S^{\mathrm{DOSD}}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )} \sum_{j_i=j^{sa}+s-}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_{2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_{1}}
$$

$$
\sum_{(n_{sa}=\ \ ^{sa}+1)}^{(n_{ik}+j_{ik}\ \ \ )} \sum_{n_s=\mathbf{n}-j_i}^{n_s\ \ \ ^{sa}-j_i}
$$

$$
\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i\ \ \ \ j_s+1)!}\cdot
$$

$$
\frac{(n_{is}\ \ n_{ik}-1)!}{(j_{ik}-j_s\ \ 1)!\cdot(n_{is}\ \ j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_i\ \ -n_{sa}-1)!}{(j^{sa}\ \ j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

$$
\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{i}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2 \cdot (n_i - n_{is}} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{} - 1)!}{(j_{ik} - \cdot (n_{is} + - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{} - n_{sa} - }{(j^{sa} - - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_{} - 1)!}{(j_i - j^{sa} - \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j^{sa} + j_{sa} - j^{sa} - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-$$

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

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

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i}$ $D+s-$ $\wedge$

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

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

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

$D \geq \mathbf{n} <$ $=Q5; \geq 0 \wedge$

$<j^{i}$ $1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

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

$s \geq 4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{\mathrm{fz}}S^{\mathrm{DOSD}}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

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

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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

$$
\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ {}_{i}\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\ {}_{i}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n}^{(n_{sa}+j^{sa}-j}$$

$$\frac{(n_i - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(D + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

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$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\ldots}\cdot$$

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

$$\sum_{k=\ \ {}_{\mathbf{i}}\mathbf{l}}\sum^{(\ )}_{(j_s\ldots)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum^{(\ )}_{(\ldots)}\sum_{j_i=s}$$

$$\sum_{n_i=\ldots;+Q5;}^{n}\ \sum^{(\ )}_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}$$

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

$$\frac{(2\cdot n_{is}+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \ldots + 1 \wedge$

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

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

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

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

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

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

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

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{+1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s-\mathbb{k}-\mathbb{k}_1}
$$

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

$$
\sum_{=\mathbf{n}-j^{sa}+}^{} \sum_{-j_i+1}^{}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{ik}-1)!}{(j_{ik}-j_s-\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

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

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

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

$$\frac{(n_i - n_{} - 1)!}{(j_s - 2)! \cdot (\quad n_{} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{} - n_{sa} - 1)!}{(j_{} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-\ _{i}\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n}^{(n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(s + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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

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$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s -$$

$$\frac{(D - \mathbf{l}$$

$$(D + j_i - \mathbf{n} - \mathbf{l_i}$$

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

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

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

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

$$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j\right. \wedge$$

$$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 \cdot \mathbb{k}_2 \Rightarrow$$

$$_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-\cdots)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\cdots k-1)!}{(\mathbf{l_s}-\cdots-k+1)!\cdot(\cdots-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-\cdots)!\cdot(j_{ik}-\cdots-j^{ik}_{sa}+1)!}$$

$$\frac{(\mathbf{l_i}-\cdots_a-\mathbf{l_{sa}}}{(j^{sa}+\mathbf{l}_{\cdots}-j_i-\mathbf{l_{sa}}\cdots(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

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

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_s}!\cdot(j_i+j_{sa}-\quad -s)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{\quad-\mathbf{n}-\quad!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\quad}\sum_{(j_s=2)}^{-k+1)}$$

$$\sum_{j_{ik}=j^{sa}}^{\quad}\sum_{=\mathbf{l_s}+j_{sa}-k+1)}^{\mathbf{l_{sa}}-k+1)}\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{\quad Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum$$

$$\sum_{j_{ik}}^{(l_{sa}-\ _i\mathbf{l}}\ \sum^{l_i-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=10;+Q5;}^{n}\ \sum^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{j_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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

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$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}$$

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

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-\quad -s-\quad -Q5;)!}{(2\cdot n_{is}+2\quad +\mathbb{k}_2-n_{ik}\quad -\quad -\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}\quad j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \quad D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} \quad j_{sa}^{ik}+1 \quad j_i+j_{sa}^{ik}-1 \leq \quad \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq \quad \leq j_i+j_s \quad -s \quad +s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j \quad +1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} \quad \leq D+\mathbf{l} \quad +s-\mathbf{n}-1 \wedge$

$D \geq \quad n \wedge I=Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - \quad \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\quad \quad 1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s+j_i^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_{ik} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - j_{ik} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-1)!\cdot(n_{sa}-j^{sa}-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_{ik}-\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_{\quad} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_i} - \mathbf{l_s} - j_{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \quad 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - \quad - \mathbf{l_{sa}})! \cdot (\quad + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + \quad - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} = j_{sa}^{ik} - \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}^{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_s}\quad!\cdot(j_i+j_{sa}\quad-s)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{\quad-\mathbf{n}-\quad!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{i}^{\mathbf{l}-1}\quad\sum_{k\quad(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{\quad 1)}$$

$$\sum_{j_{ik}=j_s}^{\mathbf{l_{ik}}-k+1}\quad\sum_{\quad=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)}\quad\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum^{n}\quad\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\quad\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\text{Q10;+Q5;}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\quad\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ \ \mathbf{l}\ (\ \ )}^{(\ \ )}\sum$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}}\ \sum_{(\ \ =j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ \ \mathbf{l}+1}$$

$$\sum_{n_i=10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{j_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

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$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_{sa}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-1}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}+j_{ik}-s-\mathbf{n}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}+j_{ik}-s-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} \wedge j_{sa}^{ik}+1 \leq j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j_{ik} \leq j_i+j_{sa}-s \leq j_i+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \wedge j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge \mathbf{l} = Q5; \geq \mathbf{n} \wedge$

$j_{sa} \leq j_{sa}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} = j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \mathbb{k}_1, j_{sa}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \leq \mathbf{n} \leq s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_{} - n_{ik} - j_{ik})!}$$

$$\frac{(n_{} - n_{sa} - 1)}{(j^{sa} - j_{} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s}-j_{ik}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(j_{sa}^{ik}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+\mathbf{l_s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\ \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1}$$

$$\sum_{j_{ik}-}^{(\ )} \sum_{j_i=s}$$

$$\sum^{n} \sum^{(\ )}$$

$$\sum_{n_{sa}} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \quad - \mathrm{j_s} - \mathrm{j_{ik}} - \quad - \mathbb{k} - \ \mathrm{Q5;} + 2 \cdot \mathrm{j_{sa}^s})!}{(2 \cdot \quad - \mathrm{n_{ik}} - \quad - \mathbf{n} - \quad - \ \mathrm{Q5;} + \mathrm{j_{sa}^s})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \quad + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad _{sa}^{ik} + 1 \quad + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \quad \leq \mathrm{j_i} + \mathrm{j_{sa}} \quad \mathrm{s} \quad ^{sa} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s} \quad + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad = \mathrm{Q5;} \geq \quad \wedge$

$\mathrm{j_{sa}} \quad \mathrm{j_{sa}} \quad 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} = \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^{s}}, \mathbb{k}_1, \mathrm{j} \quad \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{j}}\} \wedge$

$\mathrm{s} \geq \quad \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5;} \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{fz}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{k=1}^{\ _{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} -)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s}-j_{ik}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(j_{sa}^{ik}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+\mathbf{l_s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=}$$

$$\sum_{\mathrm{j_{ik}}-}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{}^{\mathrm{n}} \sum_{}^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}}^{} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \quad - \mathrm{j_s} - \mathrm{j_{ik}} - \quad - \mathbb{k} - \ \mathrm{Q5};+2 \cdot \mathrm{j^s_{sa}})!}{(2 \cdot \quad - \mathrm{n_{ik}} \quad - \mathbf{n} - \quad - \ \mathrm{Q5};+\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \quad + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad {}^{\mathrm{ik}}_{\mathrm{sa}} + 1 \quad + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \quad \leq \mathrm{j_i} + \mathrm{j_{sa}} - \quad + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad = \mathrm{Q5}; \geq \quad \wedge$

$\mathrm{j_{sa}} \quad \mathrm{j_{sa}} - 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^{s}_{sa}} = \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \mathbb{k}_1, \mathrm{j} \quad \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^j_{sa}}\} \wedge$

$\mathrm{s} \geq \quad \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j^{ik}_{sa}}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_{sa} - 1)! \cdot (n_{is} + j_{sa} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s}-j_{ik}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(j_{sa}^{ik}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+\mathbf{l_s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(\mathrm{j_s}=1}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}-\ \ \mathrm{j_{sa}}=\mathrm{j_{sa}}} \sum_{\mathrm{j_i}=\mathrm{s}}^{(\ )}$$

$$\sum_{\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}\ \ -\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{\mathrm{n}} \sum_{\ \ \mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}\ \ +\mathrm{j_{ik}}-\mathrm{j^{sa}}} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \ \ \mathrm{k} - \mathrm{j_s} - \mathrm{j_{ik}} - \ \ - \mathbb{k} - \ \mathrm{Q5}; +2 \cdot \mathrm{j^s_{sa}})!}{(2\ \ \ \ - \mathrm{n_{ik}} - \ \ \mathrm{j_{ik}} - \mathbf{n} - \ \ - \ \mathrm{Q5}; +\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \ \ + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \ \ \mathrm{j^{ik}_{sa}} + 1 \wedge \ \ + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \mathrm{j} \ \ \leq \mathrm{j_i} + \mathrm{j_{sa}} \ \ \mathrm{s} \ \ \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \ \ = \mathrm{Q5}; > \ \ \wedge$

$\mathrm{j_{sa}} \ \ \mathrm{j_{sa}} \ \ 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^s_{sa}} = \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \mathbb{k}_1, \mathrm{j} \ \ \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^i_{sa}}\} \wedge$

$\mathrm{s} \geq \ \ \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-1}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - l_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{sa} + \mathbf{l_{sa}} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{\mathbf{i}l-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\ )} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-$$

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}}\sum_{k-j^{sa}-\mathbb{k}_2\ (n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s}$ $D-\mathbf{n}$ $1 \wedge$

$1 \leq$ $\leq j_{ik}-j_{sa}^{ik}+$ $j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-$ $^{ik} \leq j^{sa} \leq j_$ $j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-$ $^{ik}+1>$ $_{sa}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n}$ $\mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$\geq \mathbf{n} \leq$ $\wedge I=Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \geq 4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_s}+s-k}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{\quad}-1)!}{(j_{ik}-\quad)!\cdot(n_{is}+\quad-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - \quad n - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \quad - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} \quad _{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j \quad + \mathbf{l_{sa}} - \quad - \mathbf{l} \quad)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\quad)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 =$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)} \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

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$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-\cdots)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\cdots k-1)!}{(\mathbf{l_s}-\cdots-k+1)!\cdot(\cdots-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-\cdots)!\cdot(j_{ik}-\cdots-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j_s-\mathbf{l_{ik}})!\cdot(n_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-\cdots-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{\mathbf{i}l-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_i}+j_{sa}-k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!(j_{sa}+j_{sa}^{ik}-j_{sa})!}\cdot$$

$$\frac{(-\mathbf{l_i})!}{-\mathbf{n}-!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{=\mathbf{l_{ik}}+\mathbf{n}-}^{-\ _i\mathbf{l}+1}\ \sum_{-\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+-\ _i\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{\left(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}}\right)! \cdot \left(\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}}\right)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1} \sum_{(\mathbf{l_s}+j_{sa}-k)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D} \sum_{-j^{sa}} \sum_{-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+1)} \sum_{n_{ik}=} \sum_{+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}} \sum_{+j_{ik}-j^{sa}} \sum_{)\, n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \quad + \mathbb{k}_2 - n_{ik} - \quad - s - \mathbb{k} - \ Q5;)!}{(\quad 2 \cdot j_s + \quad - n_{ik} - \quad - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} \quad \wedge \mathbf{l_s} \leq \mathrm{D} - \quad + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \quad + 1 \quad \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} - \mathrm{j_{sa}} \quad \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + \quad > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} j_i^{\ \ \ \

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{n}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\ \sum_{}^{-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}}\ \sum_{n_s=\mathbf{n}-j_i}^{}\ \sum_{}^{sa}-j_i$$

$$\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}-j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-1} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ _i\mathbf{l}-s+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - \quad n - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \quad - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} \quad _k - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{s}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\quad + \mathbf{l_{sa}} - \quad - \mathbf{l} \quad)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_a^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} = j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 =$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\quad+1)!}{(j_{s}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l}\quad\cdot(j_{ik}-j_{s}\quad+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\quad)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\quad(j^{sa}+j\quad-j_{ik}-j_{sa})!}$$

$$\frac{(D-\quad}{(D+j\quad\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}+$$

$$\sum_{k=1}^{\mathbf{i}^{l}-}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_{i}-n_{is}-1)!}{(j_{s}-2)!\cdot(n_{i}-n_{is}-j_{s}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_{s}-1)!\cdot(n_{is}+j_{s}-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\quad)!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\quad j_i)!}+$$

$$\sum_{\mathbf{l}}\sum_{(j_s=1)}^{(\quad)}$$

$$\sum_{=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ \mathbf{l}+\quad}\ \sum_{(j^{sa}=\quad}^{\left(\mathbf{l_i}+j_{sa}\quad-s+1\right)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{\mathbf{n}+j_{sa}-D-s)}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}\right)!}{(\mathrm{j}_{\mathrm{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}_{\mathrm{ik}} - \mathrm{j}_{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j}_{\mathrm{i}} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j}_{\mathrm{i}})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s}+}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}} \sum_{=\mathrm{j}^{\mathrm{s}}} \sum_{-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;}+\mathrm{Q5;}}^{\mathrm{n}} \sum_{(\mathrm{n_i}-\mathrm{j_s}+1} \sum_{+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{}$$

$$\sum_{(\mathrm{n_{sa}}+\mathrm{j_{ik}}-\mathrm{j}} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathbb{k} - \mathrm{s} - \mathbb{k} - \mathrm{Q5;})!}{(2 \cdot \mathrm{j_s} - \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5;} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n}$ $\wedge \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}$ $^{\mathrm{ik}} + 1$ $_{\mathrm{s}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}_{\mathrm{sa}} \wedge$

$\mathrm{j_{ik}}$ $\mathrm{j_{sa}}$ $^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +$ $> \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} \geq 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} = \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+}^{\mathbf{l_s}+s-k} {}^{-D-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s} {}^{-\mathbb{k}_1}
$$

$$
\sum_{}^{(n_{ik}+j_{ik}-} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{}^{-j_i+1}
$$

$$
\frac{(n_{is} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{ik} - 1)!}{(j_{ik} - j_s - \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k-j_{sa}}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i}^{n_s+j^{sa}-j_i}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=}^{(\ )} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ {}_{i}\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\ {}_{i}\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(\ \mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-}$$

$$\frac{(n_i - \quad -1)!}{(j_{ik}-2)\ (n_i-n_{ik}\quad +1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}\quad 1)!}{(j^{sa}-j_{ik}\quad (n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(\quad -n_s-\quad}{(j_i-\quad a-1)!\ \quad _{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(\quad -1)!}{(n_s\quad j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\quad _{\mathbf{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\quad _{\mathbf{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

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$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s -}$$

$$\frac{(D - \mathbf{l}$$

$$(D + j_i - \mathbf{n} - \mathbf{l_i}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge$$

$$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j\right. \wedge$$

$$s \geq 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)} \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l_s} - j^{ik}_{sa} \quad}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \quad - \mathbf{l_{ik}} \quad sa)!}{(j_{ik} \quad a - j^{sa} - \mathbf{l_{ik}} \quad (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} -} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_s + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} - 1)! \cdot (j_{ik} - j_s + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}} - 1)! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - j_i}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\sum_{k=}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+} \sum_{(j^{sa}=\mathbf{l_{sa}}+} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;} \sum_{=\mathbf{n}+\mathbb{k}-j_s} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \quad n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_i \quad j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \quad j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; \geq 0 \wedge$

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$j_{sa} \le j^{i}_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - 1 \wedge j^{s}_{sa} = j^{ik}_{sa} - 1 \wedge$

$\mathbf{s}: \left\{j^{s}_{sa}, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, j^{i}_{sa}\right\} \wedge$

$s \ge 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1\ (j_{ik}-j^{ik}_{sa})} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}-1} \quad \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)\ j_i=j^{sa}+\mathbf{l_i}}^{(\mathbf{l_{sa}}-1)}
$$

$$
\sum_{n_i=Q5;\ (n_{is}-\mathbb{k}-j_s+1)\ n_{ik}}^{n} \quad \sum_{(n_i-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}^{-j_{ik}+1}
$$

$$
\sum_{j_{sa}=\mathbf{n}-j^{sa}+1)\ \ n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+}^{(n_i-j_s+1)}\ \sum_{+1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2}^{n_{is}+j_{ik}-\mathbb{k}_1}\ \sum_{+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-}^{(n_{ik}+j_{ik}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}\ \sum_{\mathbf{n}-j_i+1}$$

$$\frac{(n_{is}-1)!}{(\quad-2)!\cdot(\quad-n_{is}-j_s+1)!}\cdot$$

$$\frac{(j_{ik}-n_{ik}-1)!}{(\quad-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\quad-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

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$$\sum_{k=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=}^{(\ )} \sum_{(j_s=1)} {}_{\mathbf{i}}\mathbf{l}$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ {}_{\mathbf{i}}\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_{sa}=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{sa}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_{ik} < \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \ +j_{sa}-s=\mathbf{l}_{\ } \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{\ }-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5; \geq 0$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{\ }=j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{s}^{s}, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \ldots, j_{sa}^{i}\} \wedge$

$s \ldots 4 \wedge \mathbf{s}=s\ldots Q5;\wedge$

$\mathbb{k}_z \ldots =2 \wedge \mathbb{k}=\mathbb{k}_1 \ldots \mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} - j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}l-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l}_s - j^{ik}_{sa} + \quad)}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \quad^{ik} - \mathbf{l_{ik}} - \quad sa)!}{(j_{ik} \quad \mathbf{l}_a - j^{sa} - \mathbf{l_{ik}} \quad (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\quad k}-j_{sa})!}$$

$$\frac{(\quad)!}{(D+j_{\quad}-\mathbf{n}-\mathbf{l_i})!\cdot(\quad j_i)!}-$$

$$\sum_{\quad=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{\quad}^{(\mathbf{l_s}-k-1)}\ \sum_{\quad+1}^{(\quad-j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\quad)}\ \sum_{(\quad=j_{ik}+j_{sa}-j_{sa}^{ik})}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=10;+Q5;}^{(n_i-\quad 1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

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$$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$$

$$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$z S_{j_s, j_{ik},}^{DOS} = \sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}$$

$$\sum_{= j^{sa} + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{a = j_{sa}+1)} \sum_{j_i = s+1}^{(j_i + j_{sa}} \sum_{\mathbf{l_{sa}} + j_{sa} - k - s + 1}$$

$$\sum_{n_i}^{n} \sum_{10; + Q5;}^{(n_i - j_s + 1)} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1} \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 1}$$

$$\sum_{(n_{sa} = \mathbf{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \sum_{n_s = \mathbf{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j^{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

$$\sum_{\mathrm{k}=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=\mathrm{j_{sa}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l}} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}+1)}^{(\mathbf{l_{sa}}-\mathrm{k}+1)} \sum_{\mathbf{l_{sa}}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{s}+2}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}_1+1)}^{(\mathrm{n_i}-\mathrm{j_s}} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j^{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j^{sa}} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

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$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1}\sum_{j_i=}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}\sum_{-j_{ik}+1)}$$

$$n_{ik}+j_{ik}-j$$ $$(n_{sa}$$ $$^{sa}-j_i)$$

$$\sum_{n_{sa}=\mathbf{n}}^{\ a+1}\sum_{(n_s=\mathbf{n}-j_i+}$$

$$\frac{\mathbf{l_i}-\mathbb{k}_1-1)!}{-2)!\ n_i-n_{ik}\ \mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-\ -1)!}{(j^{sa}-j_{ik}-\ )!\cdot(n_{ik}\ j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ a-n_s-1)!}{-j^{sa}-\ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}+j_{sa}-j_i-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{\ _i\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{\mathbf{l_{sa}}+j_{sa}-k-s+1}\sum_{j_i=s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j^s_{sa})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j^s_{sa} - j_s -)!}$$

$$\frac{(\mathbf{l_s} - k -)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - }{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} -)!} -$$

$$\sum \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{2 \cdot + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - \mathbb{k} - Q5; +2 \cdot j^s_{sa})!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; +j^s_{sa})! \cdot (\mathbf{n} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + s - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j^i_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - 1 \wedge j^s_{sa} < j^{ik}_{sa} - 1 \wedge$

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$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}^{(\ \ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)\ \ \mathbf{l_{ik}}-} \sum_{(j^{sa}=j_{sa}}^{-k-s+1} \sum_{j_i=}^{1}
$$

$$
\sum_{n_i=Q10;+Q}^{n} \sum_{}^{(n_i-j_s)} \sum_{}^{n_{is}+j_s-j_{ik}} \sum_{}^{\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{+j_{ik}+j_{ik}-j} \sum_{}^{+j^{sa}-j_i}
$$

$$
\sum_{}^{(n_{sa}-} \sum_{n_s=\mathbf{n}-j_i+1}^{sa}+1)
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - \ )! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(\ \ - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{}^{-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}-} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j_i} \sum_{}^{}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!} \cdot$$

$$\frac{n_{ik} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_i - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_s-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}-j_{sa}-j_i+\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=}$$

$$\sum_{\mathrm{j_{ik}}-}^{(\ )} \sum_{\ {}^{\mathrm{sa}}=\mathrm{j}_{\mathrm{i}}} \sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{=}^{\mathrm{n}} \sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}}^{(\ )} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}} \sum_{+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{s}}} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \quad - \mathrm{j_s} - \mathrm{j_{ik}} - \quad - \mathbb{k} - \ \mathrm{Q5};+2 \cdot \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})!}{(2 \quad - \mathrm{n_{ik}} \quad - \mathbf{n} - \quad - \ \mathrm{Q5};+\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \quad + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad {}^{\mathrm{ik}}_{\mathrm{sa}} + 1 \quad + \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \quad \leq \mathrm{j_i} + \mathrm{j_{sa}} \quad \mathrm{s} \quad {}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s} \quad + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad = \mathrm{Q5}; > \quad \wedge$

$\mathrm{j_{sa}} \quad \mathrm{j_{sa}} \quad 1 \wedge \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}} < \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \cdots, \mathbb{k} \quad \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}^{\mathrm{i}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} > \quad \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_s}+s-k} \sum_{j_i=s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}$$

$$\frac{(\quad-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-$$

$$\frac{($$

$$\sum_{($$

$$\sum_{j_{ik}=j^{sa}$$

$$\sum_{n_{j}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(2$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(\ -\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\mathbf{i}})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa}-\ \wedge \mathbf{l_i}+j_{s}-s>\mathbf{l}_{\ }\wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}<j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon\{j_{sa}^{s}\ ,\mathbb{k}_{\ },j_{sa}^{ik},\mathbb{k}_2,\cdots,j_{sa}^{i}\}\wedge$

$s>4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z\colon\ 2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1}\ j_i=j^{sa}+s-j_{sa}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}-1} \sum_{(j_s \text{[illegible]} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} \text{[illegible]}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\mathbf{l_{sa}} - k + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i \text{[illegible]} 10; + Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - \text{[illegible]} + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k = \text{[illegible]}_i \mathbf{l}} \sum_{(j_s = 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s}\ \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathbf{l_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(\mathbf{l_i}+j_{sa}-j_{i}-\mathbf{l_{sa}})!\cdot(j_{i}-s)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-s+1)}\sum_{j_{i}=j^{sa}+s-j_{sa}}^{(n_{i}-j_{sa}+1)}\sum_{n_{i}=n_{i}+10;+Q5;}^{(n_{i}-j_{sa}+1)}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{s}+1)}\sum_{n_{ik}=n_{is}+j_{s}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_{s}=n_{sa}+j^{sa}-j_{i}}$$

$$\frac{(2\cdot n_{is}+j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(n_{is}+2\cdot j_{s}+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=\ _{i}\mathbf{l}}\sum_{(j_{s}=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s}\ \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s} \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ \ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}-1} \sum_{(j_s \text{[illegible]} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik} = j^{sa} + \mathbf{l_{ik}} \text{[illegible]}} \sum_{(j^{sa} = j_{sa} + 1)}^{(\text{[illegible]} + j_{sa} - k)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i \text{[illegible]} 10; + Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - \text{[illegible]} + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k = \text{[illegible]}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s = 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}-\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s}\ \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s} \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{lk}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-\quad)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(\quad-j_{sa})!}$$

$$\frac{(\quad)!}{(D+j_{\quad}-\mathbf{n}-\mathbf{l_i})!\quad j_i)!}-$$

$$\sum_{\quad=\quad}^{\quad-1}\ \sum_{(j_{\quad}=\quad)}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\quad+1}\ \sum_{(\quad=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\quad0;+Q5;}^{(n_i-\quad+1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\quad\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\quad_{\mathbf{i}}\mathbf{l}}^{(\quad)}\sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\cdot})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa}-\ \wedge \mathbf{l_i}+j_{s}-s>\mathbf{l}_{\cdot} \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ , \mathbb{k}_{\cdot}, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ _2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_1 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ \ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} -$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} -$$

$$\frac{($$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{-1} \sum_{j_{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i}^{(n_i-} \sum_{10;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\ \sum_{(j^{sa}=j_{sa})}^{(\ )}\ \sum_{j_i=s}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )}\ \sum_{(n_s=}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}$$

$$\frac{(\mathbf{n}-\mathbf{l_i})!}{+s-\mathbf{n}$$

$$D\geq \mathbf{n}<n\wedge \mathbf{l_i}\leq D+s-\mathbf{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}^{ik}$$

$$D\geq \mathbf{n}<n\wedge I=Q5;>0\wedge$$

$$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{i}$$

$$\mathbf{s}:\left\{j_{sa}^{s}\right.$$

$$s>4\wedge \mathbf{s}=s+$$

$$\mathbb{k}_z:$$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-$$

$$\frac{($$

$$\sum_{($$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}$$

$$\sum_{n_i-$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(2\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ _{i}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}-\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s} \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{ik} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!}$$

$$\frac{(\text{[illegible]} - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]} - j_i)!} -$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}-1} \sum_{(\text{[illegible]}=2)}^{(\mathbf{l_{sa}} - k - j_{sa} + \text{[illegible]}}$$

$$\sum_{j_{ik} = j_s + \mathbf{l_{ik}} - \mathbf{l_s}} \sum_{(\text{[illegible]}=j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})}^{(\ )} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = \text{[illegible]}10; +Q5;} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - \text{[illegible]} + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\ )} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot \text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(\text{[illegible]}_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^s)!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^s - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k = \text{[illegible]}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s = 1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}-\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s}\ \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{ik} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ \mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\ldots}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_s}-s)!}{(\mathbf{l_i}+j_{sa}-j_{i}-\mathbf{l_{sa}})!\cdot(j_{i}-s)!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\ldots j_{i})!}-$$

$$\sum_{\ldots}^{\ldots-1}\sum_{(\ldots=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+\ldots}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{\ldots=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_{i}\ldots 10;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\ldots_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{\ldots_s+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ \mathbf{l_i}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}-\ \ \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_s} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s} \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}\ \ j_{sa}^{ik}, \mathbb{k}_2, \ \ \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5; \wedge$

$\mathbb{k}_z: \ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_i\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - s)!}{(j_{ik} + \mathbf{l_i} - j_i - j_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ \ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} -} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_s} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}}) \cdot (j_i - s)!} \cdot$$

$$\frac{(\mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=\ _i\mathbf{l}}^{\ _i\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )} \sum_{a=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=}^{(n_i-1)} \sum_{10;+Q5;\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{\cdot n_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )}\sum_{(n_s=}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}\ldots Q5;+\ldots j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ldots Q5;+j_{sa}^{s})!\ldots-s)!}\cdot$$

$$\frac{\ldots D-\mathbf{l_i})!}{\ldots+s-\mathbf{n}\ldots!)!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}\ldots j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+\ldots j_{sa}\leq j_i\leq\mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}\ldots_{sa}\ldots\wedge\mathbf{l_i}+j_{s}\ldots-s>\mathbf{l}_{s}\ldots\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+\ldots-\mathbf{n}-1\wedge$

$D\geq\mathbf{n}<n\wedge I=Q5;>0\wedge$

$j_{sa}\leq\ldots-1\wedge j_{sa}^{ik}=\ldots-1\wedge j_{sa}^{s}<j_{sa}\ldots\wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}\ldots\mathbb{k}_2,j_{sa},\ldots j_{sa}^{i}\}\wedge$

$s>\ldots\mathbf{s}=s+Q5;\ldots$

$\mathbb{k}_z:z=2\ldots\mathbb{k}=\mathbb{k}_1+\mathbb{k}\ldots\Longrightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)}\sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_{sa}}+s-k-j_{sa}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}-\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

$$\frac{(D\quad}{(D+\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}}}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}}^{(\ )} \sum_{j_i=\mathbf{l_i}-D}^{\mathbf{l_{sa}}+k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+1)}^{(n_i-j_s+}$$

$$\sum_{(n_{ik}+j_{ik}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}^{n_{ik}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - \mathbb{k} - s - \mathbb{k} - Q5;)!}{(2 \cdot j_s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - \mathbb{k} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} + j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \mathbf{n} = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_{ik}}+s-k-j^{ik}_{sa}+} \sum_{j_i}^{+\mathbf{n}-D}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j}^{n_{is}+j_s} \sum_{}^{-\mathbb{k}_1}
$$

$$
\sum_{}^{(n_{ik}+j_{ik}-} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{}^{\mathbf{n}-j_i+1}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{ik}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - \quad - 1)}{(j_s - 2)! \cdot (n_i - n_{is} \quad + 1)!} \cdot$$

$$\frac{(n_{i} - n_{ik} - \mathbb{k}_{} - 1)!}{(j_{ik} - j_s - 1 \quad i - n_{i} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{i} - n_{sa} - 1)}{(j^{sa} - j_{} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1 \quad \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\quad)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

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$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$$

$$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$$

$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$$

$$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{j}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$$

$$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$$

$$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$$

$$\mathbb{k}_z : \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$\mathrm{fz}\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\mathrm{QSD}}{}_{\mathrm{k},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} \sum_{\mathrm{i}=1}^{\mathbf{l}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{sa}}+1)}^{(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s})} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_s}+\mathrm{s}-\mathrm{k}}$$

$$\sum_{=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

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$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=1}^{\mathbf{i}^{\mathbf{l}-1}}\sum_{(\mathrm{j_s}=\mathrm{j_i}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\sum_{(\mathrm{j^{sa}}=\mathrm{j_s}+1)}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})}\sum_{\mathrm{j_i}=\mathbf{l_s}+\mathrm{s}-\mathrm{k}+1}^{1}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+}^{\mathrm{n}}\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}_1+1)}^{(\mathrm{n_i}-\mathrm{j_s}}\sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathbb{k}_2)}\sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathrm{j^{sa}}+\mathbf{l_i}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{j^{sa}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}\sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\ _{i}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;\,(n_{ik}=\mathbf{n}}^{n}\sum^{(n_i-j_{ik}-\mathbb{k}_1+1)}_{-j_{ik}+1)}$$

$$n_{ik}+j_{ik}-j \qquad (n_{sa}{}^{sa}-j_i)$$

$$\sum_{n_{sa}=\mathbf{n}\ a+1}^{\ }\sum_{(n_s=\mathbf{n}-j_i+}^{\ }$$

$$\frac{-\mathbb{k}_1-1)!}{-2)!\ n_i-n_{ik}\ \ k_1+1)!}\cdot$$

$$\frac{(n_{ik}-\ \ -1)!}{(j^{sa}-j_{ik}-\ )!\cdot(n_{ik}\ \ k-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ a-n_s-1)!}{-j^{sa}-\ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\mathbf{l_i}+j_{sa}-j_i-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;\,(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n}\ \sum^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^s_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^s_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(D\ )!}{(D+\ \ \mathbf{n}-\mathbf{l_i})!\cdot(\ \ j_i)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j^{ik}_{sa}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge\ \ +j_{sa}-s>\mathbf{l_s}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\ \ 1$

$D\geq\mathbf{n}<n\wedge I=Q5;>0$

$j_{sa}\leq j^i_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_{sa}<j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{j^s_{sa},\cdots,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,\ \ ,\cdots,j^i_{sa}\}\wedge$

$s\ \ 4\wedge\mathbf{s}=s\ \ Q5;\wedge$

$\mathbb{k}_z.\ \ =2\wedge\mathbb{k}=\mathbb{k}_1\ \ \mathbb{k}_2\Rightarrow$

$${}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

$$\frac{(D\quad}{(D+\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{s}\ldots s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+\ldots j_s+1)}^{(n_i-j_s+\ldots} \sum_{n_{ik}\ldots s+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_s\ldots n_{ik}+j_{ik}-\ldots\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \mathbb{k}_2 - n_{ik} - \ldots_k - s - \mathbb{k} - Q5;)!}{(2\ldots + 2 \cdot j_s + \ldots_2 - n_{ik} - \ldots - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} \ldots n \wedge \mathbf{l_s} \leq D - \ldots + 1 \wedge$

$1 \leq j_s \leq j_{ik} \ldots j_{sa}^{ik} + 1 \ldots s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} \ldots j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \ldots \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{\mathbf{l_i}=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-n_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{(n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{\mathbf{n}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=\quad+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\cdots,\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{\mathbf{l_i}-1} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
\sum_{=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}
\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}+1)}^{(\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1)}
\sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\mathrm{k}+1}
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}
\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}
\sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)}
\sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}
$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\quad}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-}$$

$$\sum_{j_{ik}=j^{sa}+}\ \sum_{(j^{sa}=}^{(\mathbf{l_i}+j_{sa}-k)}\ \sum^{\mathbf{l_i}-k+1}$$

$$\sum^{n}\ \sum^{(n_i-j_s+}\ \sum^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}\ \sum_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=\ \ \mathbf{l}}\sum_{(\mathrm{j_s}=1)}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{(\ \ )}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\ \ \mathbf{l}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{\mathrm{n}}\ \ \sum^{(\mathrm{n_i}-\mathrm{j_{ik}}\ \ \mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}\ \ \mathbb{k}_2\ (\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\sum_{\mathrm{j_{sa}}=\mathbf{n}-\mathrm{j}}\ \ \sum^{(\ \ -\mathrm{j_i}+1)}$$

$$\frac{(\mathrm{n_i}-\mathrm{n}\ \ -\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-2)!\cdot(\mathrm{n_i}-\mathrm{n}\ \ -\mathrm{j_{ik}}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \ \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})}\ \ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};\ (\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n}}\ \ \sum^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l}-j_i)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j^{ik}_{sa}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i<\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge\ +j_{sa}-s>\mathbf{l}_s\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-$

$D\geq\mathbf{n}<n\wedge I=Q5;>0$

$j_{sa}\leq j^{i}_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_s<j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{j^{s}_{sa},\cdots,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,\cdots,j^{i}_{sa}\}\wedge$

$s\ 4\wedge\mathbf{s}=s\ Q5;\wedge$

$\mathbb{k}_z\ =2\wedge\mathbb{k}=\mathbb{k}_1\ \mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad k-1)!}{(\mathbf{l_s}-\quad -k+1)!\cdot(\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}-\quad)!\cdot(j_i-\quad -j^{sa}-s)!}\cdot$$

$$\frac{(D-\quad)!}{(D+\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ \mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ \mathbf{l}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_i}}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}}^{(\ )} \sum_{}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_i-j_s+1}^{} \sum_{+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}}^{)} \sum_{(n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - \mathbb{k} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot j_s + \ - n_{ik} - \ - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n}$ $\wedge \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

$1 \leq j_s \leq j_{ik}$ $_{ik} + 1$ $_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

j_{ik} j_{sa} $_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} +$ $= \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + s -$ $\mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}$: $\left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l}_{\cdot})}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-}^{n_{is}+j_s-\mathbb{k}_1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{}}
$$

$$
\sum_{=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{} n_{sa}+j^{sa}-j_i} \sum_{\mathbf{n}-j_i+1}
$$

$$
\frac{(n_{} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{} - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{} - \mathbb{k}_1 - 1)!}{(n_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_s})}^{(\ )}
$$

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$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{\mathbf{n}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-1}$$

$$\frac{(n_i - \mathbb{k}_2 - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - \mathbb{k}_2 + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}}^{\mathbf{l_{ik}}-k+1}\ \sum_{j_{sa}^{ik}-D-s}^{(\ )}\ (j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

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$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$$

$$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{j} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$$

$$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$fz^{QSD}_{j_{ik},j^{sa},j_i} \sum_{i}^{\mathbf{l}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

$$\sum_{i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_s}+j_{sa}^{ik}-}\ \sum_{(\ )}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n}\ \sum_{(n_{is}=}^{(n_i-j_s+}\ \sum^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=\ \ \mathbf{i}\mathbf{l}}^{(\ \ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}^{(\ \ )}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{\mathbf{l_i}-\ \ \mathbf{i}\mathbf{l}+}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{\mathrm{n}}\ \sum_{}^{(\mathrm{n_i}-\mathrm{j_{ik}}\ \ \mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}\ \ \mathbb{k}_2\ (\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\sum_{\mathrm{j_{sa}}=\mathbf{n}-\mathrm{j}}\ \sum_{-\mathrm{j_i}+1)}$$

$$\frac{(\mathrm{n_i}-\mathrm{n}\ \ -\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-2)!\cdot(\mathrm{n_i}-\mathrm{n}\ \ -\mathrm{j_{ik}}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \sum_{(\mathrm{j_s}=\mathrm{j_k}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}^{ik}}-\mathrm{D}-\mathrm{s}}^{\mathbf{l_s}+\mathrm{j_{sa}^{ik}}-\mathrm{k}}\ \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )}\ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};\ (\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n}}\ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}^{(\mathrm{n_i}-\mathrm{j_s}+1)}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{k}-\ j_i)!}$$

$D\geq \mathbf{n}<n\wedge \mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}\leq j^{sa}+j^{ik}_{sa}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j^{ik}_{sa}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i<\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge +j_{sa}-s>\mathbf{l}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-$

$D\geq \mathbf{n}<n\wedge I=Q5;>0$

$j_{sa}\leq j^{i}_{sa}-1\wedge j^{ik}_{sa}=j_{sa}-1\wedge j_s<j^{ik}_{sa}-1\wedge$

$\mathbf{s}:\{j^{s}_{sa}\cdots,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2\ ,\cdots,j^{i}_{sa}\}\wedge$

$s\ 4\wedge \mathbf{s}=s\ Q5;\wedge$

$\mathbb{k}_z\ =2\wedge\mathbb{k}=\mathbb{k}_1\ \mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j_{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad -s)!}{(j^{sa}+\mathbf{l_i}-\quad)!\cdot(j_i\quad -j^{sa}-s)!}$$

$$\frac{(D\quad}{(D+\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+\ldots}^{(\mathbf{l_{sa}}-k-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\ldots)}^{(\ )} \sum_{j_i=j^{s}\ldots s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;\ldots}^{n} \sum_{\ldots j_s+1)}^{(n_i-j_s+\ldots)} \sum_{n_{ik}\ldots s+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{\ldots}\ldots n_{ik}+j_{ik}-\ldots\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \mathbb{k}_2 - n_{ik} - \ldots_k - s - \mathbb{k} - Q5;)!}{(2\ldots + 2 \cdot j_s + \ldots_2 - n_{ik} - \ldots - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} \ldots n \wedge \mathbf{l_s} \leq D - \ldots + 1 \wedge$

$1 \leq j_s \leq j_{ik} \ldots j_{sa}^{ik} + 1 \wedge \ldots_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} \ldots j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \ldots \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )} \sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{-1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s} \sum_{-1}^{-\mathbb{k}_1}
$$

$$
\sum_{=\mathbf{n}-j^{sa}+}^{(n_{ik}+j_{ik}-} \sum_{-j_i+1}^{-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(\quad - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - \quad - \mathbb{k}_1 - 1)!}{(\quad - j_s - 1)! \cdot (\quad + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(\quad - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}
$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )} \left(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}\right) \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \left(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1\right) \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{(n_i-j_s+1)} \sum_{n_{sa}+j^{sa}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}$$

$$\frac{(\quad-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \left(j^{sa}=j_{sa}\right) \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ \mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \left(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1\right) \sum^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(\quad+j_{sa}-\mathbf{l_{sa}})!\cdot(j_i-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{D\quad+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{ik=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}\colon \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z\colon \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s}\ \ \mathrm{j^{sa}},\mathrm{j_i}}^{\mathrm{DO}} = \sum_{\mathrm{k}=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s})} \sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ \ )} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{\mathbf{l_i}-\mathrm{k}+1} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathrm{n}} \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}
$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{[illegible]}^{[illegible]}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-[illegible])}^{(\mathbf{l_s}-[illegible]1)}$$

$$\sum_{j_{ik}[illegible]+\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{(j[illegible]j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i[illegible]s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{[illegible]Q10;+Q5;}^{n}\sum_{(n_{is}=[illegible]\mathbb{k}-j_s+1)}^{(n_i-j_s+[illegible]}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{[illegible]ik+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=\ \ \mathbf{i}\mathbf{l}}^{(\ \ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}^{(\ \ )}\sum_{(\mathrm{j^{sa}}=\mathrm{j_{sa}}}^{\mathbf{l_i}-\ \ \mathbf{i}\mathbf{l}+}\sum_{=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}}^{\mathrm{n}}\sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}}^{(\mathrm{n_i}-\mathrm{j_{ik}}\ \ \mathbb{k}_1+1)}\ \ +1)$$

$$\sum_{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}\ \ \mathbb{k}_2\ (\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\sum_{\mathrm{j_{sa}}=\mathbf{n}-\mathrm{j}}\sum_{-\mathrm{j_i}+1)}$$

$$\frac{(\mathrm{n_i}-\mathrm{n}\ \ -\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-2)!\cdot(\mathrm{n_i}-\mathrm{n}\ \ -\mathrm{j_{ik}}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathbf{l_{sa}}-\mathrm{s})!}{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{j_i}-\mathbf{l_{sa}})!\cdot(\mathrm{j_i}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}\ -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \ \sum_{(\mathrm{j_s}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s}+1)}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ \ )}\ \ \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}\ \ \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathrm{s}-\mathrm{j_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\ \ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \ \sum_{\mathrm{n_{ik}}=\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j^{s}_{sa})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j^{s}_{sa}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} \wedge j^{ik}_{sa} - j_s \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq \ \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \ + j_{sa} - s = \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - \ \wedge j^{s}_{sa} < j^{ik}_{sa} -$

$\mathbf{s}$: $\{j^{s}_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, j^{i}_{sa}\}$

$s > 4 \wedge \mathbf{s} = s + Q5;$

$\mathbb{k}_2 z = 2 \wedge \mathbb{k} \ \mathbb{k}_1 + \mathbb{k}_2$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j^{ik}_{sa}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\quad \mathbf{l_i})!}{(D \quad _i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}_{i}-1} \quad \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \quad \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\quad)} \quad \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \quad \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \quad \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \quad \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-1)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{l}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}}\sum_{j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_i}-\ _{\mathbf{i}}\mathbf{l}+1}\sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}}^{} \sum_{-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j}^{(\ )} \sum_{\mathbb{k}_2)\ n_s=n_{sa}+j^{sa}}^{}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-\quad -s-\quad Q5;)!}{(2\cdot n_{is}+2\ j_s+\quad -n_{ik}\quad -\mathbf{n}\quad \quad 5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}\ j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{D,\mathbf{n},n,\mathbf{l_i}} = \sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\mathbf{l_s}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-k)}^{(\ )}$$

$$\sum_{j_{sa}=j_{sa}^{ik}+1}^{\mathbf{l_s}}\sum_{(j_{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\sum_{j_i=j_s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=\mathbb{k}_1+10;+Q5;}^{n}\sum_{(n_{is}=\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ \ \mathbf{i}l}^{\ \ \ \

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\mathbf{l}_{\cdot}}{(D-j_i-\mathbf{n}-\mathbf{l}_{\cdot}-j_i)!}-$$

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{ik}_{sa}}^{(\ )} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-Q5;+2\cdot j^s_{sa})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;+j^s_{sa})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$$

$$1 \leq j_s \leq j_{ik}-j^{ik}_{sa}+1 \wedge j_s+j^{ik}_{sa}-1 \leq j_{ik} \leq j^{sa}+j^{ik}_{sa}-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j^{ik}_{sa} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j^{ik}_{sa}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$$

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$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{\mathbf{i}=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=j_{i}\ldots\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{s}\ldots}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+\ldots-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{\ldots}
$$

$$
\sum_{n_i=Q10;+Q5\ldots}^{\ldots} \sum_{\ldots=\mathbf{n}+\mathbb{k}-j_{\ldots}+1)}^{\ldots-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{\ldots-\mathbb{k}_1}
$$

$$
\sum_{\ldots(n_{sa}=\mathbf{n}-j^{sa}+1)}^{\ldots+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=1}^{\mathbf{l_i}-1}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}+1}^{\mathbf{l_{ik}}-\mathrm{k}+1}\ \sum_{(\mathrm{j^{sa}}=\mathbf{l_{ik}}+\mathrm{j_{sa}^{ik}}-\mathrm{k}-\mathrm{s}+2)}^{(\mathbf{l_{sa}}-\mathrm{k}+1)}\ \sum^{\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\ \sum_{(\mathrm{n_{is}}=\mathbf{n}+\quad+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\ \sum^{\mathrm{n_{is}}+\mathrm{j}\quad-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}+\quad)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}\quad-\mathbb{k}_2)}\ \sum^{\mathbf{n}-\mathrm{j_i}+1}$$

$$\frac{-\mathrm{n_{is}}-1)!}{(\quad-2)!\cdot(\quad-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\quad-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\quad-1)!\cdot(\quad+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\quad-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot$$

$$\frac{(\mathrm{n_{sa}}-\mathrm{n_s}-1)!}{(\mathrm{j_i}-\mathrm{j^{sa}}-1)!\cdot(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{n_s}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathrm{n_s}-1)!}{(\mathrm{n_s}+\mathrm{j_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\mathrm{j_i})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j_{sa}^{ik}}-\mathbf{l_{ik}}-\mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathrm{j^{sa}}-\mathbf{l_{ik}})!\cdot(\mathrm{j^{sa}}+\mathrm{j_{sa}^{ik}}-\mathrm{j_{ik}}-\mathrm{j_{sa}})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{\mathrm{k}=\ \mathbf{l}}\ \sum_{(\mathrm{j_s}=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 - 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

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$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\ldots}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ \ \mathbf{i}\mathbf{l}}\sum^{(\ \ )}_{(j_s\ldots)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum^{(\ \ )}_{(\ldots)}\sum_{j_i=s}$$

$$\sum_{n_i=\ldots;+Q5;}^{n}\ \sum^{(\ \ )}_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum^{(\ \ )}_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2\cdot n_{is}+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} + j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + s = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{+\mathbb{k}}^{n_{is}-j_{ik}-\mathbb{k}_1} \sum_{j_{ik}+1}
$$

$$
\sum_{}^{(n_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j_i}
$$

$$
\frac{(n_i - n_{is}}{(j_s - 2)!\cdot(n_i - n_{is} - j_s + 1)!}\cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)!\cdot(n + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}\cdot
$$

$$
\frac{(\ - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)!\cdot(n_{ik} + j_{ik} - n_{sa} - j^{sa})!}\cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)!\cdot(n_{sa} + j^{sa} - n_s - j_i)!}\cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)!\cdot(\mathbf{n} - j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)!\cdot(j_s - 2)!}\cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})!\cdot(j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!}\cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})!\cdot(\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{\cdot} - n_{ik} - \mathbb{k}_{\cdot} - 1)!}{(j_{ik} - j_s - 1 \cdot (\cdot + j_{\cdot} - n_{\cdot} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{\cdot} - n_{sa} - 1)}{(j^{sa} - j_{\cdot} - 1)! \cdot (\cdot + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1) \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad+j_{sa}^{ik}-\quad-j_{sa})!}{(\mathbf{l_{sa}}+\quad-j_{sa})!\cdot(\quad-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(\quad+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ \ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}-$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q1\ldots Q5;\ (n_{ik}=n_i-j_{ik}\ldots+1)}^{n}\sum^{(\ )}$$

$$\sum_{n_{sa}=\ldots j_{ik}-j^{sa}\ldots}\sum_{\ldots+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{sa}-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\ldots-\mathbb{k}-\ Q\ldots+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_i}\leq\mathrm{D}+s-\ldots\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}\ldots 1\leq j_{ik}\leq j\ldots+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+\ldots-j_{sa}^{ik}\leq j^{sa}\ldots j_i+j_{sa}-s\wedge j\ldots+s\ldots j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ldots\wedge\mathbf{l_{sa}}+\ldots-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\ldots<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q}\ldots>0\wedge$

$\ldots\leq j_{sa}^{i}\ldots 1\wedge j_{sa}^{ik}=j_{sa}\ldots 1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s}\ldots,\mathbb{k}_1,j_{sa}\ldots,\ldots,j_{sa}^{i}\}\wedge$

$s>4\wedge\mathbf{s}\ldots s+Q5;\wedge$

$\mathbb{k}_z:z=2\ldots\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k} - 1)!}{(j_{ik} - j_s - 2)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{+ j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{+ j_i - \quad - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ \ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}-$$

$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

$$\sum_{n_{sa}=}^{(\ )}\sum_{-j^{sa}}=+j^{sa}-j_i)$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{}-j_{ik}-s_{}-\mathbb{k}-Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_{}-n_{ik}-j_{ik}-_{}-\mathbb{k}-Q_{}+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\ \wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j_{}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+\ -j_{sa}^{ik}\leq j^{s}\ j_i+j_{sa}-s\wedge j_{}+s\ j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ \wedge\mathbf{l_{sa}}+\ ^{k}-j_{sa}>\ _{k}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\ <n\wedge I=Q\ >0\wedge$

$\ _{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{s}^{s}\ \cdots,\mathbb{k}_1,j_{s}\ \ _{a},\cdots,j_{sa}^{i}\}\wedge$

$s>4\wedge\mathbf{s}\ \ s+Q5;\wedge$

$\mathbb{k}\ :z=2\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ _{i}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{i} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{i} - n_{sa} - 1)}{(j^{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i \quad \mathbf{n} - 1)! \cdot (\mathbf{n} \quad j_i)!} \cdot$$

$$\frac{\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{\quad + j_i - \quad - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}-$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j_{sa}=j_{sa})}^{(\ )}\sum_{j_i=s}$$

$$\sum_{n_i=Q1\ldots Q5;}^{n}\sum_{(n_{ik}=n_i-j_{ik}\ldots+1)}^{(\ )}$$

$$\sum_{n_{sa}=\ldots j_{ik}-j^{sa}\ldots}\sum_{\ldots+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{sa}-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\ldots-\mathbb{k}-\ Q\ldots+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_i}\leq\mathrm{D}+s-\ldots\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}\ldots 1\leq j_{ik}\leq j\ldots+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+\ldots-j_{sa}^{ik}\leq j^{sa}\ldots j_i+j_{sa}-s\wedge j\ldots+s\ldots j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ldots\wedge\mathbf{l_{sa}}+\ldots-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\ldots<\mathrm{n}\wedge\mathrm{I}=Q5\ldots>0\wedge$

$\ldots\leq j_{sa}^{i}\ldots 1\wedge j_{sa}^{ik}=j_{sa}\ldots 1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s}\ldots,\mathbb{k}_1,j_{sa}\ldots,\ldots,j_{sa}^{i}\}\wedge$

$s>4\wedge\mathbf{s}\ldots s+Q5;\wedge$

$\mathbb{k}_z:z=2\ldots\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s + 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(\quad + j_i - \quad - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{{}_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(\ =j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q1}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}}^{(\ )}+1)$$

$$\sum_{n_{sa}=}^{(\ )}\sum_{-j^{sa}}=+j^{sa}-j_i)$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{s}\ j_{ik}-s\ \mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}\ -n_{ik}-j_{ik}-\ \mathbb{k}-\ Q\ +j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(\ +s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_i}\leq D+s-\ \wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j\ +j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+\ -j_{sa}^{ik}\leq j^{s}\ j_i+j_{sa}-s\wedge j\ +s\ j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\ \wedge\mathbf{l_{sa}}+\ ^{k}-j_{sa}>\ _{k}\wedge\mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D\geq\ <n\wedge I=Q\ >0\wedge$

$\ _{sa}\leq j_{sa}^{i}\ 1\wedge j_{sa}^{ik}=j_{sa}\ 1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{s}^{s}\ \cdots,\mathbb{k}_1,j_{s}\ \ ,\cdots,j_{sa}^{i}\}\wedge$

$s>4\wedge\mathbf{s}\ \ s+Q5;\wedge$

$\mathbb{k}:z=2\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ _i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{\mathbf{n}=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-1}$$

$$\frac{(n_i - \mathbb{k}_2 - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - \mathbb{k}_2 + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_2 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}$$

$$\frac{(n_s-\mathbf{n}-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_i}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}-\mathbf{l_i})!\cdot(j_{sa}^{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{l_i}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{n_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}-$$

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}}^{(\ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_{sa}^{ik}}}^{(\ )}\sum_{(\ =\mathrm{j_{sa}})}\sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q1}}^{\mathrm{n}}\sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}=\mathrm{n_i}-\mathrm{j_{ik}}}^{(\ )}+1)$$

$$\sum_{\mathrm{n_{sa}}=}\sum_{\mathrm{j_{ik}}-\mathrm{j^{sa}}}^{(\ )}+\mathrm{j^{sa}}-\mathrm{j_i})$$

$$\frac{(2\cdot\mathrm{n_i}+\mathbb{k}_2-\mathrm{n_{ik}}-\mathrm{j}\ \mathrm{j_{ik}}-\mathrm{s}\ \mathbb{k}-\ \mathrm{Q5};+2\cdot\mathrm{j_{sa}^{s}})!}{(2\cdot\mathrm{n_i}+\mathbb{k}\ -\mathrm{n_{ik}}-\mathrm{j_{ik}}-\ \mathbb{k}-\ \mathrm{Q}\ +\mathrm{j_{sa}^{s}})!\cdot(\mathbf{n}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\ +\mathrm{s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{s})!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_s}\leq\mathrm{D}-\mathbf{n}\ \wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1\wedge\mathrm{j_s}+\mathrm{j_{sa}^{ik}}\ 1\leq\mathrm{j_{ik}}\leq\mathrm{j}\ +\mathrm{j_{sa}^{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\ -\mathrm{j_{sa}^{ik}}\leq\mathrm{j^{s}}\ \mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j}\ +\mathrm{s}\ \mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j_{sa}^{ik}}+1=\ \wedge\mathbf{l_{sa}}+\ ^{\mathrm{ik}}-\mathrm{j_{sa}}>\mathbb{k}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}}\wedge$

$\mathrm{D}+\ -\mathbf{n}<\mathbf{l_i}\leq\mathrm{D}\ \mathbf{l_s}+\mathrm{s}-\ -1\wedge$

$\ \geq\mathbf{n}<\ \wedge\mathrm{I}=\mathrm{Q5};>\ \wedge$

$\mathrm{j_{sa}}\leq\mathrm{j}\ -1\wedge\ ^{\mathrm{ik}}\ -1\wedge\mathrm{j_{sa}^{s}}<\mathrm{j_{sa}^{ik}}-1\wedge$

$\mathbf{s}:\{\mathrm{j_{sa}},\cdots,\ \mathrm{j_{sa}^{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j_{sa}^{i}}\}\wedge$

$>4\wedge\mathbf{s}\ \mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_{\mathrm{z}}:\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}}=\sum_{\mathrm{k}=1}^{\ {}_{\mathbf{i}}\mathbf{l}-1}\sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_{i})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(\mathbf{l_{ik}}+j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l}-\mathbf{l})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{l_i}}\ \sum_{(j_{sa}=j^{sa}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\ )}\ \sum_{j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{}$$

$$\sum_{n_i=10;+Q5;}^{(n_i-1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}^{}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}
\sum_{i}^{\mathbf{l}-1}
\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j^{sa}+j_{sa}}
\sum_{}
\sum_{\mathbf{l_s}+s-k}
$$

$$
\sum_{j_{sa}^{ik}+1}
\sum_{(\mathbf{l_i}+\mathbf{l_{sa}}-\mathbf{l_i})\ j_i=\mathbf{l_i}+\mathbf{n}-D}
$$

$$
\sum_{}^{n}
\sum_{-j_s+1)}
\sum_{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_i=Q}
\sum_{Q5;\ (n_{is}}
\sum_{-\mathbb{k}-j_s+1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}
\sum_{n_{sa}+j^{sa}-j_i}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}
\sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}}}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum^{(\ )} \sum^{-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum^{(n_i-j_s+} \sum^{n_{is}+j_s-j_{ik}-} \sum_{+\mathbb{k}_2-j_{ik}+1}^{1)\ n_{ik}}$$

$$\sum^{+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum^{+j^{sa}-j_i}$$

$$(n_{sa}=\mathbf{n}\ \ +1)\quad \sum_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s -)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} \ \ j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

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$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} -j_{ik}+1)$$

$$\sum_{n_{sa}=\mathbf{n}}^{n_{ik}+j_{ik}-j} \sum_{(n_s=\mathbf{n}-j_i+}^{(n_{sa}\ {}^{sa}-j_i)}$$

$$\frac{(\mathbf{l_i}\ \ - \mathbb{k}_1\ \ 1)!}{(\ \ - 2)!\ \ n_i - n_{ik}\ \ \ \ \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - \ \ - 1)!}{(j^{sa} - j_{ik} - \ \ )! \cdot (n_{ik}\ \ j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(\ \ - n_s - 1)!}{\ \ - j^{sa} - \ \ \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_i}-\mathbf{l_{sa}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(D\ )!}{(D+\ \ \mathbf{n}-\mathbf{l_i})!\cdot(\ \ j_i)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\wedge\ \ +j_{sa}-s=\mathbf{l_s}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\ \ 1$

$D\geq\mathbf{n}<n\wedge I=Q5;>0$

$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}\leq j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,\ \ ,\cdots,j_{sa}^{i}\}\wedge$

$s\ \ 4\wedge\mathbf{s}=s\ \ Q5;\wedge$

$\mathbb{k}_z.\ \ =2\wedge\mathbb{k}=\mathbb{k}_1\ \ \mathbb{k}_2\Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(j_i + j_s - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+2)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\quad sa)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\quad !\cdot(j^{sa}+\quad -j_{ik}-j_{sa})!}$$

$$\frac{(D\quad}{(D+j_{\quad}\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{(\quad)}\sum_{(j_s=1)}$$

$$^{(1+j_{sa}-\quad i\mathbf{l}-s+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}}}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;}+\mathrm{Q5;}}^{\mathrm{n}} \sum_{(\mathrm{n_i}-\mathrm{j_s}+1}$$

$$\sum_{(\mathrm{n_{sa}}}$$

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathrm{s} - \mathbb{k} - \mathrm{Q5;})!}{(2 \cdot \mathrm{j_s} + \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5;} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n}$ $\wedge$ $\mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}$ $+ 1 \leq \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}$ $- \mathrm{j_{sa}}$ $\leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +$ $= \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i}^{\quad +\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-}^{(n_i-j_s+} \sum^{n_{is}+j_s-\quad -\mathbb{k}_1}_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{i}}
$$

$$
\sum_{=\mathbf{n}-j^{sa}+1)}^{(\quad +j_{ik}-j^{\quad \mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{\quad -j_i+1}^{\quad \mathbf{n}-j_i+1}
$$

$$
\frac{(n_{\quad} - n_{is} - 1)!}{(j_s \quad 2)! \cdot (n_{\quad} - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - \quad - \mathbb{k}_1 - 1)!}{\quad - j_s \quad 1)! \cdot (\quad s + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(\quad - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_i}+j_{sa}-\ _i\mathbf{l}-s+1\right)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad+j_{sa}^{ik}-\quad-j_{sa})!}{(\mathbf{l_{sa}}+\quad-j_{sa}-1)!\cdot(j_{ik}+j_{sa}^{ik}-j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{j_{ik}+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=\quad+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ \ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$\mathrm{fz}S_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{\mathrm{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_s})}^{(\ )}$$

$$\sum_{\mathrm{j}_{\mathrm{sa}}^{\mathrm{k}}+1}^{\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{s}+1)} \sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;+Q5;}}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

$$\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j}^{\mathrm{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j}^{\mathrm{sa}})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\ldots)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\ldots k-j_{sa})!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+\ldots-\mathbf{n}-\mathbf{l_i})!\cdot\ldots j_i)!}+$$

$$\sum_{\ldots}^{\ldots-1}\ \sum_{(\ldots+\mathbf{l_s}-\mathbf{l_s})}^{(\ )}$$

$$\sum_{\ldots\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-k}\ \sum_{(\ldots=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+\ldots k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\ldots Q10;+Q5;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n\ldots s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_{i}\mathbf{l}} \sum_{(j_s=\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\ldots+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ {}_{i}\mathbf{l}-s+1\right)} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{\ldots=Q1\ldots}^{n} \sum_{(n_{ik}\ldots\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+\ldots)}$$

$$\sum_{n_{sa}=\mathbf{n}-j\ldots+1}^{n_{\ldots}-j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{\ldots} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ )!(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} - j^{sa} + j^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_s - \ \wedge \ s - j_{sa} < j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} - j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q \ > 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^{s}_{sa} < \ - 1 \wedge$

$\mathbf{s}$: $\{j_s \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, \ \cdots, j^{i}_{sa}\}$

$s > 4 \wedge \mathbf{s} \ s + Q5; \wedge$

$\mathbb{k}_z : z \ 2 \wedge \mathbb{k} \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j_i - 1)! \cdot (n_{sa} + j_i - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{D} \quad \mathbf{l_i})!}{(\mathbf{D} \quad _i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ _i\mathbf{l}-s+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{sa}-\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-\mathbf{n}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{is}-1)}^{(\ )-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{is}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+\mathbb{k}_1+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} \wedge j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \le j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}l-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D} \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_i}+j_{sa}-k} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}} \sum_{j_i=j^{sa}+}^{-D-s)}
$$

$$
\sum_{n_i=}^{n} \sum_{(n_{is}=}^{(n_i-j_s+1)} \sum_{(n_{ik}=}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{n_{sa}=}^{-j_{ik}+1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}} \sum_{n_s=\mathbf{n}-j_i+1}^{-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad + j_s + 1)!} \cdot$$

$$\frac{n_s - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_i - n_{sa} - 1)!}{(j - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-{}_{i}\mathbf{l}-s+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_s-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s})}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{s}+1)} \sum_{(\mathrm{j^{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-\text{[illegible]})!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\text{[illegible]}k-j_{sa})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_i})!}{(D+\text{[illegible]}-\mathbf{n}-\mathbf{l_i})!\cdot\text{[illegible]}j_i)!}+$$

$$\sum_{k=\text{[illegible]}}^{\mathbf{i}^{\text{[illegible]}}}\sum_{\mathbf{l_i}=\text{[illegible]}D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{(\text{[illegible]}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+\text{[illegible]}k-s+1)}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\text{[illegible]}Q10;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n\text{[illegible]}s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_{i}\mathbf{l}} \sum_{(j_s=\ldots}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_i}+\ldots+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ {}_{i}\mathbf{l}-s+1\right)} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{\ldots=Q1\ldots}^{n} \sum_{(n_{ik}\ldots\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+\ldots)}$$

$$\sum_{n_{sa}=\mathbf{n}-j\ldots+1}^{n_{\ldots}-j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{\ldots} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}-j^{sa}+j^{ik}_{sa}-j_{sa}$

$j_{ik}+j_{sa}-j^{ik}_{sa}\leq j^{sa}\leq j_i+j_s-\ \wedge\ s-j_{sa}<j_i\leq\mathbf{n}$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1=\mathbf{l_s}\wedge\mathbf{l_{sa}}+j_{sa}-j_{sa}>\mathbf{l_{ik}}\wedge\mathbf{l}_{\cdot}-j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}}\leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1\wedge$

$D\geq\ <n\wedge I=Q5;>0\wedge$

$j_{sa}\leq j^{i}_{sa}-1\wedge\ =j_{sa}-\ \wedge j^{s}_{sa}<\ -1\wedge$

$\mathbf{s}$: $\{j_s,\cdots,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,\ \cdots,j^{i}_{sa}\}$

$s>4\wedge\mathbf{s}\ s+Q5;\wedge$

$\mathbb{k}_z:z\ 2\wedge\mathbb{k}=\ \mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}}\ \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\ \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{ik}}+s-k-j^{ik}_{sa}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+2}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{D} \quad \mathbf{l_i})!}{(\mathbf{D} \quad _i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\ _i\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_s} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})} \sum_{\mathbf{l_{ik}}+\mathbf{n}+s-D-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5} \sum_{=\mathbf{n}+\mathbb{k}-} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_i} \sum_{-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{n_{is} + 2 \cdot j_s \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s \ldots + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}} \ldots)}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D \ldots}^{\mathbf{l_s}+s \ldots}
$$

$$
\sum_{n_i=Q \ldots Q5;}^{n} \sum_{(n_{is} \ldots \mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik} \ldots -j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots sa=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+\ldots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} \ldots j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbb{k}_1-j^{sa}+1)}^{(n_{ik}+j_{ik}-\mathbb{k}_1-j_s)} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k={}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-{}_{\mathbf{i}}\mathbf{l}-j_{sa}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \cdots \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$ {}_{\mathrm{fz}}\mathrm{S}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}}^{\mathrm{DOSD}} = \sum_{\mathrm{k}=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{\mathrm{j_{ik}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1}^{\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_{ik}}+\mathrm{j_{sa}}-\mathrm{k}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)} \sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}} $$

$$ \sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} $$

$$ \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}} $$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-1)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}-1)!}{(\mathbf{l_i}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{i^{[illegible]}}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\ \sum_{(j_{sa}-k-j_{sa}^{ik}+2)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{Q10;+Q5;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}\ \sum_{n_s=\mathbf{n}-j_i+1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j^{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}} \sum_{(\mathrm{j_s}=1)}^{(\ )}$$

$$\sum_{\mathrm{j_{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathbf{l_i}}^{(\ \ -\ \mathbf{l_i}+1)} \sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}^{(\ \ )}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q}10,\ \ldots}^{\mathrm{n}} \sum_{(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}-\mathrm{j_{ik}}+1)}^{(\ \ \mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1}^{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2} \sum_{(\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1)}^{(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j^{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j^{sa}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-j^{s}-Q)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-(Q)-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}-j_{sa}^{s}-j_s-s)!}$$

$$\frac{(\mathbf{l_s}-k}{(\mathbf{l_s}-j-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} +$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s +$ $- 1 \leq j_{ik} \leq$ $+ j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$ $\leq j_i + j_{sa} - s -$ $+ s -$ $\leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa} +$ $= \mathbf{l_s} \wedge \mathbf{l_{sa}}$ $j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}}$ $+ j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}}$ $< D + \mathbf{l_s}$ $j_{sa} -$ $- 1 \wedge$

$D \geq$ $< n \wedge I = Q5;$ $0 \wedge$

$j_{sa} \leq j_{sa}^{i} -$ $\wedge j_{sa}^{ik} = j_{sa}$ $1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}$ $\mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} =$ $+ Q5; \wedge$

$\mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{i^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} \quad + 1)!} \cdot$$

$$\frac{(n_{\cdot} - n_{ik} - \mathbb{k}_{\cdot} - 1)!}{(j_{ik} - j_s - 1 \quad (\quad + j_{\cdot} - n_{\cdot} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{\cdot} - n_{sa} - 1)}{(j^{sa} - j_{\cdot} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1) \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-\mathbb{k}_1-j^{sa})!} \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!} \frac{(n_s-1)!}{(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!} \frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{ik}}-j^{sa}-\mathbf{l_{ik}})!\,(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)} \sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)} \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} -$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - \right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot \left(- j_{sa}\right)!}$$

$$\frac{(\quad \mathbf{l}_\cdot)!}{(D + j_{\quad} - \mathbf{n} - \mathbf{l_i})! \quad j_i)!} -$$

$$\sum_{\quad}^{D+\mathbf{l_s}+} \quad \sum_{\quad}^{(\quad)} \quad \sum_{(j_{sa}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$+j_{sa}-k)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{\quad}} \quad \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{l}-D)} \quad \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$(n_i-\quad 1)$$

$$\sum_{n_{\quad}10;+Q5;} \quad \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)} \quad \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \quad \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \quad _{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{\quad _s + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} \sum_{i}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}
$$

$$
\sum_{+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}} \sum_{(\mathbf{l_{sa}}} \sum
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}} \sum_{+\mathbf{n}-D)\, j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum^{n} \sum_{-j_s+1)} \sum_{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{n_i=Q} \sum_{Q5;\,(n_{is}} \sum_{-\mathbb{k}-j_s+1)\, n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_{sa}+j^{sa}-j_i}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(\mathrm{j_s} = \mathrm{j_{ik}} + \mathbf{l_s} - \mathbf{l_{ik}}}^{(\quad)}$$

$$\sum_{\mathrm{j_{ik}} = \mathbf{l_{sa}} + \mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{D} - \mathrm{j_{sa}}}^{\mathbf{l_{ik}} - k + 1} \sum_{(\mathrm{j}^{\mathrm{sa}} = \mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}}^{(\mathbf{l_{sa}} - k + 1)} \sum^{\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i} = \mathrm{Q10;+Q5)}}^{\mathrm{n}} \sum_{(\mathrm{n_i} - \mathrm{j_s} +}^{\quad +1)\ \mathrm{n_{ik}}} \sum_{\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{j_{ik}}}^{+\mathbb{k}_2 - \mathrm{j_{ik}} + 1}$$

$$+ \mathrm{j_{ik}} - \mathrm{j}^{\mathrm{sa}} - \mathbb{k}_2 \quad + \mathrm{j}^{\mathrm{sa}} - \mathrm{j_i}$$

$$\sum_{(\mathrm{n_{sa}} = \mathbf{n}}^{+1)} \sum_{\mathrm{n_s} = \mathbf{n} - \mathrm{j_i} + 1}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} -)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} \quad \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

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$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}\ \ -j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}\ \ +1}^{n_{ik}+j_{ik}-j^{\ }} \sum_{(n_s=\mathbf{n}-j_i+\ }^{(\ \ {}^{sa}-j_i)}$$

$$\frac{n_i\ \ -\mathbb{k}_1\ \ 1)!}{\ \ -2)!\ \ -n_{ik}\ \ \ +1)!}\cdot$$

$$\frac{(n_{ik}-\ \ -1)!}{(j^{sa}-j_{ik}-\ \ !\cdot(n_{ik}\ \ {}_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ -n_s-1)!}{(\ \ -j^{sa}-\ \ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s -)!}$$

$$\frac{(\mathbf{l_s} - k -)!}{(\mathbf{l_s} - j_s - k + 1)! (j_s - 2)!}$$

$$\frac{(D -)!}{(D + j_{sa} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{l_{ik}} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} \wedge j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq$ **n** $\wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge$ $+ j_{sa} - s = \mathbf{l}$ $\wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} +$ $1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j$ $< j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}$ $\cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2$ $, \cdots, j_{sa}^{i}\} \wedge$

s $4 \wedge \mathbf{s} = s$ $Q5; \wedge$

$\mathbb{k}_z$ $= 2 \wedge \mathbb{k} = \mathbb{k}_1$ $\mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\quad sa)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\quad !\cdot(j^{sa}+\quad -j_{ik}-j_{sa})!}$$

$$\frac{(D\quad}{(D+j_{\quad}\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _{\mathbf{i}}\mathbf{l}}^{(\ \ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _{\mathbf{i}}\mathbf{l}+1\right)}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}\right)!}{\left(\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{ik}}\right)!\cdot\left(\mathrm{j}^{\mathrm{sa}}-\mathrm{j}_{\mathrm{sa}}\right)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j}_{\mathrm{i}})!}\ -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}}\ \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}+\mathbf{l_s}-\mathbf{l_{ik}}}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{sa}}+\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{D}-\mathrm{j_{sa}}}^{\mathbf{l_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{k}}\ \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}-\mathrm{j_s}}\ \sum_{-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\ \sum_{(\mathrm{n_i}-\mathrm{j_s}+1}\ \sum_{+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}}\ \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(2\cdot\mathrm{n_{is}}+\mathbb{k}_2-\mathrm{n_{ik}}-\mathbb{k}-\mathrm{s}-\mathbb{k}-\ \mathrm{Q5};)!}{(2\cdot\mathrm{j_s}+\mathbb{k}-\mathrm{n_{ik}}-\mathbf{n}-\mathbb{k}-\ \mathrm{Q5};-\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!}\cdot$$

$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j_s}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j_s}-\mathrm{k}+1)!\cdot(\mathrm{j_s}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D}\geq\mathbf{n}\ \wedge\mathbf{l_s}\leq\mathrm{D}-\ +1\wedge$

$1\leq\mathrm{j_s}\leq\mathrm{j_{ik}}-\ ^{\mathrm{ik}}+1\ \mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}-\mathrm{j_{sa}}\ -\ ^{\mathrm{ik}}_{\mathrm{a}}\leq\mathrm{j}^{\mathrm{sa}}\leq\mathrm{j_i}+\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+\ =\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}}\wedge$

$\mathrm{D}+\mathrm{j_{sa}}-\mathbf{n}<\mathbf{l_{sa}}\leq\mathrm{D}+\mathbf{l_s}+\mathrm{j_{sa}}-\mathbf{n}-1\wedge$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};>0\wedge$

$\mathrm{j_{sa}}\leq\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j_{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}<\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$

$\mathbf{s}\colon\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\cdots,\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}\wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{} \sum_{j_i}^{a}{}_{+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s} \sum_{k-\mathbb{k}_1}
$$

$$
\sum_{sa=\mathbf{n}-j^{sa}+}^{(n_{ik}+j_{ik}-} \sum_{-j_i+1}^{k_2)\ n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{ik}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}
$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s + 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \quad - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{=1}^{D+\mathbf{l_s}-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{\quad ik=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n}<\mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}<j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s>4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik}}^{DOSD}{}_{j_i} = \sum_{k=1}^{i^{l-1}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})} \sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\mathbf{l_i}-1}\sum_{\mathbf{l_{sa}}=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}-\mathbf{l_s}}^{\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{(j^{sa}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=\mathbb{k}10;+Q5;}^{n}\sum_{(n_{is}=\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q1}^{n}\sum_{05;\ (n_{ik}=\mathbf{n}+\mathbb{k}-j}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{a=\mathbf{n}-j^{sa}}^{n_{ik}+j_{ik}-j}\sum_{-j_i+1)}^{\mathbb{k}_2\ (n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{i}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}\ j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}\ j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s}\ldots}\cdot$$

$$\ldots\ldots\ldots

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa} \quad)}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{j_i=s}^{\mathbf{l_i} - \ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+\ldots-\mathbf{n}-\mathbf{l_i})!\cdot(\ldots j_i)!}-$$

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{\ldots j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{\ldots=j_i+j_{sa}-s)}^{\ldots)}\sum_{j_i=s+1}^{\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1}$$

$$\sum_{n_i=\ldots0;+Q5;}^{\ldots}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\ldots n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ \ {}_i\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(\ -\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\mathbf{i}})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa} \wedge \mathbf{l_i}+j_{s}-s>\mathbf{l}_{\ } \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ , \mathbb{k}_{\ }, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s)} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa} \quad)}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ {}_i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i} - \ {}_i\mathbf{l}+1} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\ldots j_i)!}-$$

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\ldots-j_{sa}}\sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )}\sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=\ldots0;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ \mathbf{i}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n}$$

$$\sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ -Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ -Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\mathbf{i}})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ -j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa} \wedge \mathbf{l_i}+j_{s}-s>\mathbf{l}_{\ }\wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}\ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}\colon\{j_{sa}^{s}\ \ ,\mathbb{k}_{\ }j_{sa}^{ik},\mathbb{k}_2,\ \ \cdots,j_{sa}^{i}\}\wedge$

$s>4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z\colon\ 2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}}\ \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_{ik}}+j_{sa}^{ik}-k-s+2)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j \quad - \mathbf{l_{ik}} - j_{sa}}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{i}l}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}} - \ \mathbf{i}l+1\right)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i} - \ \mathbf{i}l+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\mathbf{l_{ik}})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\mathbf{l_i}}^{\mathbf{l_s}-1}\sum_{(j_s=1)}^{(\ )}\sum_{(j_{sa}=\mathbf{l_s}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j_{sa}=j_{sa}+1)}^{(\mathbf{l_{ik}}+j_{sa}-k-s+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=\mathbf{n}+0;+Q5;}^{\mathbf{n}}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\mathbf{n}+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\mathbf{l_i}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}^{} \frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ - s)!} \cdot \frac{D-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\mathbf{i}})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D + s - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik}$ $_{sa} \wedge \mathbf{l_i} + j_{s}$ $- s > \mathbf{l}_{\mathbf{s}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}$ $< j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}$: $\{j_{sa}^{s}$ $, \mathbb{k}$ $j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s +$ $5;\wedge$

$\mathbb{k}_z$: $2 \wedge \mathbb{k} = \mathbb{k}_1 +$ $_2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(j_i + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{(\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa} \quad)}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i} - \ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\ldots)}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(\ldots\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\ldots j_i)!}-$$

$$\sum_{\ldots}^{\ldots-1}\sum_{(j_i\ldots+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}\ldots}\sum_{(j^{sa}=j_{sa}+1)}^{\ldots+j_{sa}-k)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i\ldots0;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\ldots-1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\ldots_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ldots_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=\ \mathbf{i}\mathbf{l}}\sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}^{n} \sum_{n_i=Q10;+Q5;}^{(\ )} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \sum_{(n_s=\ +j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ Q5;+\ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ Q5;+j_{sa}^{s})!\ -s)!}\cdot$$

$$\frac{(\mathbf{n}-\mathbf{l_i})!}{+s-\mathbf{n}\ \mathbf{l}_{\cdot})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ _{sa} \wedge \mathbf{l_i}+j_{\ }-s>\mathbf{l}_{\ } \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{i}<j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ , \mathbb{k}_{\ }, j_{sa}^{ik}, \mathbb{k}_2, \cdots, j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+\ 5;\wedge$

$\mathbb{k}_z: \ 2 \wedge \mathbb{k}=\mathbb{k}_1+\ _2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} -\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i} -\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - \mathbf{l_{ik}})! \cdot (\quad - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \quad - s)!}{(j^{sa} + \mathbf{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!}$$

$$\frac{(D - \quad)!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{\mathbf{l_{ik}} - \quad} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

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$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )}\sum_{(j^{sa}=j_{sa})}\sum_{j_i}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=n_i}^{(\ )}{}_{-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j}^{(\ )}{}_{\mathbb{k}_2}\sum_{(n_s=n_{sa}+j^{sa}}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s \quad -\mathbb{k}-\quad \cdot+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}\quad \mathbb{k}-Q\quad \quad ^{s}\quad (\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$$D\geq \mathbf{n}<n\wedge \mathbf{l_i}\leq D+s-\mathbf{n}\wedge$$

$$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+\quad a-1\leq \quad \leq j^{sa}\quad ik}-j\quad \wedge$$

$$j_{ik}+j_{sa}-j_{sa}^{ik}\leq j^{sa}\leq j_i+j_{sa}\quad s\wedge j^{sa}+s-\quad a\leq j_i\leq \mathbf{n}\wedge$$

$$\mathbf{l_{ik}}-j_{sa}^{ik}+1=\mathbf{l}\quad \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}\quad \mathbf{l_{ik}}\wedge \mathbf{l_i}-\quad sa-s>\mathbf{l_{sa}}\wedge$$

$$D\geq \mathbf{n}<n\quad =Q5;\quad 0\wedge$$

$$j_{sa}\leq j_{sa}^{i}-1\wedge j_{sa}\quad =j_{sa}-\quad j_{sa}^{s}\quad sa}-1\wedge$$

$$\mathbf{s}\colon\{j_{sa}^{s}\quad ,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_s\quad \cdots,j_{sa}^{i}\}\wedge$$

$$s>4\wedge \mathbf{s}=\quad +Q5;\wedge$$

$$\mathbb{k}_z\colon\quad \wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{\ _{\mathbf{i}}\mathbf{l}-1}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)}\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_{sa} + j_i - n_s - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\quad+j_{sa}^{ik}-\quad-j_{sa})!}{(\mathbf{l_{sa}}+\quad-j\quad)!\cdot(j_{sa}^{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{s}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-\quad-\mathbf{l_{sa}})!\cdot(\quad+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(\mathrm{j_s}=1}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}-\ \ \mathrm{j_{sa}}=\mathrm{j}} \sum_{\mathrm{j_i}=\mathrm{s}}^{)}$$

$$\sum_{\ \ \mathrm{Q5};\ (\mathrm{n_{ik}}\ \ -\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{\mathrm{n}} \sum^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}\ \ +\mathrm{j_{ik}}-\mathrm{j^{sa}}} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \ \ \mathrm{k} - \mathrm{j_s} - \mathrm{j_{ik}} - \ \ - \mathbb{k} - \ \mathrm{Q5}; +2 \cdot \mathrm{j^s_{sa}})!}{(2\ \ \ - \mathrm{n_{ik}} - \ \ \mathrm{j_{ik}} - \mathbf{n} - \ \ - \ \mathrm{Q5}; +\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \ \ + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \ \ \mathrm{j^{ik}_{sa}} + 1 \wedge \ \ + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \mathrm{j} \ \ \leq \mathrm{j_i} + \mathrm{j_{sa}} \ \ \mathrm{s} \ \ \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} \ \ \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \ \ = \mathrm{Q5}; > \ \ \wedge$

$\mathrm{j_{sa}} \ \ \mathrm{j_{sa}} \ \ 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^s_{sa}} < \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \cdots, \mathbb{k} \ \ \mathrm{j^{ik}_{sa}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^i_{sa}}\} \wedge$

$\mathrm{s} > \ \ \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_\mathrm{z}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$${}_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_{ik}}-\mathrm{k}-\mathrm{j^{ik}_{sa}}+2)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{ik} + j_s - n_{is} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s + 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + j_{sa} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j}_{\mathrm{s}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j}_{\mathrm{s}}-\mathrm{k}+1)!\cdot(\mathrm{j}_{\mathrm{s}}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-}-$$

$$\sum_{\mathrm{k}=}^{(\ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}}\sum_{\mathrm{k}\ (\mathrm{j^{sa}}=\mathrm{j_{sa}})}\sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};}^{\mathrm{n}}\sum^{(\ )}_{(\mathrm{n_{ik}}=\mathrm{n_i}-\mathrm{j_{ik}}-\mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}=\mathrm{n_{ik}}}\sum^{(\ )}_{\mathrm{k}-\mathrm{j^{sa}}-\mathbb{k}_2\ (\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(2\cdot\mathrm{n_i}+\mathbb{k}_2-\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{ik}}-\mathrm{s}-\mathbb{k}-\ \mathrm{Q5};+2\cdot\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!}{(\mathrm{n_i}+\mathbb{k}_2-\mathrm{n_i}-\mathrm{j_{ik}}-\mathbf{n}-\mathbb{k}-\ \mathrm{Q5};+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!\cdot(\mathbf{n}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{s})!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_i}$ $\mathrm{D}+\mathrm{s}-$ $\wedge$

$1\leq$ $\leq\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+$ $\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-$ $\leq\mathrm{j}^{\mathrm{sa}}\leq\mathrm{j}$ $\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-$ $+1=$ $\mathrm{j_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}>\mathbf{l_{sa}}\wedge$

$\mathrm{D}\geq\mathbf{n}<$ $=\mathrm{Q5};>0\wedge$

$<\mathrm{j}^{\mathrm{i}}$ $\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j_{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}<\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$

$\mathbf{s}\colon\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\cdots,\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\}\wedge$

$\mathrm{s}>4\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_{\mathrm{z}}\colon\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

$$
\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j^{ik}_{sa})}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_{i_2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}-)} \sum_{n_s=\mathbf{n}-j_i}^{n_s-j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad - j_s + 1)!} \cdot
$$

$$
\frac{s - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{i} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=\ {}_{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ {}_{i}\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_i=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_{1}-1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 - 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j^s_{sa})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j^s_{sa} - j_s -)!}$$

$$\frac{(\mathbf{l_s} - k -)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - }{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} -)!} -$$

$$\sum \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{2 \cdot + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - \mathbb{k} - Q5; +2 \cdot j^s_{sa})!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; +j^s_{sa})! \cdot (\mathbf{n} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + s - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - s)!}$$

$D \ \mathbf{n} < \ \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} \leq j^{sa} + j^{ik}_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j^{ik}_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s \ldots + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\ )}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}} \ldots -D)}^{(j_i+j_{sa} \ldots)} \sum_{j_i=\mathbf{l_i}+\mathbf{n} \ldots}^{\mathbf{l_{ik}}+s- \ldots j_{sa}^{ik}+1}
$$

$$
\sum_{n_i=Q \ldots Q5;}^{n} \sum_{(n_{is} \ldots \mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik} \ldots -j_{ik}+1}^{\ldots +j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{\ldots sa=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+ \ldots j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} \ldots j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

$$\sum_{k=1}^{\mathbf{l}_{\mathbf{i}}-1}\ \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j_i=\mathbf{l_{ik}}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+}^{n_{is}+j}$$

$$\sum_{(n_{sa}=\mathbf{n}}^{(n_{ik}+j_{ik}}\ \sum_{}^{n_{sa}+j^{sa}}$$

$$\frac{-n_{is}-1)!}{-2)!\cdot(-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\mathbb{k}_1-1)!}{(j_{ik}-1)!\cdot(+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}+$$

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$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}\ \ -j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}\ \ +1}^{n_{ik}+j_{ik}-j^{\ }} \sum_{(n_s=\mathbf{n}-j_i+\ }^{(\ \ {}^{sa}-j_i)}$$

$$\frac{n_i\ \ -\mathbb{k}_1\ \ 1)!}{\ \ -2)!\ \ -n_{ik}\ \ \ \ +1)!}\cdot$$

$$\frac{(n_{ik}-\ \ -1)!}{(j^{sa}-j_{ik}-\ \ !\cdot(n_{ik}\ \ {}_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ -n_s-1)!}{(\ \ -j^{sa}-\ \ \cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} + j^{sa} + j^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_s - \ \wedge \ s - j_{sa} < j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l}_{\cdot} - j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^{s}_{sa} < \ - 1 \wedge$

$\mathbf{s}$: $\{j_s, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, \ \cdots, j^{i}_{sa}\}$

$s > 4 \wedge \mathbf{s} \ s + Q5;\wedge$

$\mathbb{k}_z: z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(j_i+j_{sa}-s)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ \mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-\ \mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa}\right.}{(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - \mathbf{l_{ik}})! \cdot (\quad - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \quad - s)!}{(j^{sa} + \mathbf{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!} \cdot$$

$$\frac{(D - \quad)!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\quad \mathbf{l_i}} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = \mathbf{l_i} + \mathbf{n} - D}^{\mathbf{l_s} + s - k}$$

$$\sum_{n_i = Q10; + Q5;}^{n} \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\quad)} \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

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$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$$

$$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$$

$$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} > \mathbf{l_{sa}} \wedge$$

$$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$$

$$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$$

$$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{j}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$$

$$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$$

$$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$$

$$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$\mathrm{fz}\sum_{\mathrm{j}_{\mathrm{ik}}=\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1}^{\mathrm{j}_{\mathrm{sa}}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l}_{\mathbf{i}}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s}-1)} \sum_{\mathrm{j_i}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}}^{\mathbf{l_i}-\mathrm{k}+1} \sum_{\mathrm{i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-\ )!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\quad\mathbf{l_i})!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\cdot\quad j_i)!}+$$

$$\sum_{\quad}^{\quad-1}\ \sum_{(\quad}^{(\quad)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}}\ \sum_{(j^{sa}\quad+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}\quad-j_{sa}^{ik}+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{\quad Q10;+Q5;}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n\quad s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathbf{l_i})!} +$$

$$\sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=j_{sa}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(\mathbf{l_{sa}}+j_{sa}-k-j_{sa}+1)}^{(\mathbf{l_{sa}}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_{sa}}+1}$$

$$\sum_{n_i=Q10;+Q}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+1)}^{n_i-j_s+1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ \ \mathbf{l}}\sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D}^{\left(\mathbf{l_{sa}}-\ \ \mathbf{l}+1\right)}\sum_{=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ \ \mathbf{l}+}$$

$$\sum_{n_i=Q1}^{n}\sum_{05;\,(n_{ik}=\mathbf{n}+\mathbb{k}-j}^{(n_i-j_{ik}\ \ \mathbb{k}_1+1)}$$

$$\sum_{a=\mathbf{n}-j^{sa}}^{n_{ik}+j_{ik}-j\ \ \mathbb{k}_2}\sum_{-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ (\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} - j^{sa} + j^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_s - \ \wedge \ s - j_{sa} < j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} - j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ - 1 \wedge$

$D \geq \ < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j^{i}_{sa} - 1 \wedge \ = j_{sa} - \ \wedge j^{s}_{sa} < \ - 1 \wedge$

$\mathbf{s}$: $\{j_s, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, \ \cdots, j^{i}_{sa}\}$

$s > 4 \wedge \mathbf{s} \ s + Q5;\wedge$

$\mathbb{k}_z: z \ 2 \wedge \mathbb{k} = \ \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{j^{sa}+j^{ik}_{sa}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_{sa}+j_i-n-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{i^{l-1}} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{\quad} - \mathbf{l_{ik}} - j_{sa} \quad)}{(j_{ik} + \mathbf{l_{sa}} - \quad - \mathbf{l_{ik}})! \quad {}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l} \quad j_{sa} - \mathbf{l_{s}} \quad - s)!}{{}^{sa} + \mathbf{l_i} - j_i - \quad)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}} - \ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i} - \ _i\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-\mathbf{l_{ik}})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{l_i}}\sum_{(j_s=j_{sa}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}\sum_{(j^{sa}=j_{sa}+\mathbf{n}+j_{sa}-\mathbf{l_s}-s)}^{(\mathbf{l_s}-j_{sa}-k)}\sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_{is}=\mathbb{k}_1+10;+Q5;}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_{is}+1)}\sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD} \sum_{i=1}^{\mathbf{l}-1} \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_s})}
$$

$$
\sum_{j_{ik}=\ldots+1}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-\ldots-1} \sum_{(j\ldots+\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\ldots+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q\ldots+Q5;}^{n} \sum_{(n_{is}\ldots-\mathbb{k}-j_s+1)}^{\ldots-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

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$$\frac{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}})!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \quad + }$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=\quad+\mathbf{l_s}-\mathbf{l_s})}^{(\quad)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-}^{\mathbf{l_{ik}}-k+1} \quad \sum_{(j^{sa}=j_{ik}+j_{sa}}^{(\quad-k+1)} \quad \sum_{j_i=j^{sa}+s-j_{sa}}^{\quad+1}$$

$$\sum_{n_i=Q10;+Q}^{n_i-j_s+2} \quad \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{n_{is}-j_{ik}-\mathbb{k}_1} \quad \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{+1)}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-\quad-\mathbb{k}_2)} \quad \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\quad - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j}^{\mathrm{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}})!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathrm{j_{sa}} - \mathbf{l_{sa}} - \mathrm{s})!}{(\mathrm{j}^{\mathrm{sa}} + \mathbf{l_i} - \mathrm{j_i} - \mathbf{l_{sa}})! \cdot (\mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathrm{s})!} \cdot$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)}\sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}}\sum_{=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q1}^{n}\sum_{05;\,(n_{ik}=\mathbf{n}+\mathbb{k}-j}^{(n_i-j_{ik}\ \ \mathbb{k}_1+1)}$$

$$\sum_{n_{ik}+j_{ik}-j}^{\mathbb{k}_2}\sum_{a=\mathbf{n}-j^{sa}}^{(n_{sa}+j^{sa}-j_i)}\sum_{-j_i+1)}$$

$$\frac{(n_i-n_{i}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}\ j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}\ _{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(\mathbf{l_{sa}}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_{ik}}-k+1}\left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right)\sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ )!(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j^{ik}_{sa} + 1 \wedge j_s + j^{ik}_{sa} - 1 \leq j_{ik} + j^{sa} + j^{ik}_{sa} - j_{sa}$

$j_{ik} + j_{sa} - j^{ik}_{sa} \leq j^{sa} \leq j_i + j_s \wedge j \quad s - j_{sa} < j_i \leq \mathbf{n}$

$\mathbf{l_{ik}} - j^{ik}_{sa} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_s \quad j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l} \quad j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \ 1 \wedge$

$D \geq \quad n \wedge I = Q \quad 0 \wedge$

$j_{sa} \leq j^{j}_{sa} - 1 \wedge \quad = j_{sa} - \ \wedge j^{s}_{sa} < \quad - 1 \wedge$

$\mathbf{s}$: $\{j_s \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, \ \cdots, j^{i}_{sa}\}$

$s > 4 \wedge \mathbf{s} \quad s + Q5; \wedge$

$\mathbb{k}_z : z \quad 2 \wedge \mathbb{k} = \quad \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{\mathbf{i}\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )}$$

$$\sum_{j_{ik}=j^{ik}_{sa}+1}^{\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s-1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_{sa}+j_i-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}+\mathbf{l_s}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_s - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_s} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\mathbf{l_i} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\left(\mathbf{l_{sa}}-\ \mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-\ \mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

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$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - \quad)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - j_{sa}\right)!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - \quad - \mathbf{l_{ik}})! \cdot (\quad - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \quad - s)!}{(j^{sa} + \mathbf{l_i} - \quad)! \cdot (j_i + \quad - j^{sa} - s)!}$$

$$\frac{(D - \quad}{(D + j_{\quad} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s \quad \mathbf{l_i}} \quad \sum_{(j_s = j_{ik} + \mathbf{l_s} - \mathbf{l_{ik}})}^{(\quad)}$$

$$\sum_{j_{ik} = \mathbf{l}\quad \mathbf{n} + j_{sa}^{ik} - D - s}^{\mathbf{l_s} + j_{sa}^{ik} - \quad} \quad \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \quad \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\sum_{n_i = Q10; + Q5;}^{n} \quad \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)}^{(\quad)} \quad \sum_{n_s = n_{sa} + j^{sa} - j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

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$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 = \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$$

$$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{j} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$$

$$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{\mathbf{l_i}-1} \left(\mathbf{l_i}+\mathbf{n}-D-s\right) \sum_{(j_s=2)}^{} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1}$$

$$\sum_{=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-\quad)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{\quad}^{\quad}\sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s}^{(l_{ik}-k-\quad+2)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}-\mathbf{l_s}}^{(l_{sa}-k+1)}\sum_{(j^{sa}+j_{sa}-j_{sa}^{ik})\,j_i}^{\mathbf{l_i}-k+1}\sum_{\quad+s-j_{sa}}^{\quad}$$

$$\sum_{n_{ik}=10;+Q5;\,(n_{is}=\quad}^{n}\sum_{\mathbb{k}-j_s+1)}^{(n_i-j_s+1}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{\quad}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\;n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

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$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_i\mathbf{l}} \sum_{(j_s=1}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}}^{(\mathbf{l_{sa}}-\ {}_i\mathbf{l}+1)} \sum_{\ \mathbf{n}-D}^{-\ {}_i\mathbf{l}+1}$$

$$\sum_{\ \ =Q}^{n} \sum_{(n_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+}$$

$$\sum_{\ \ j_{ik}-j^{sa}-\mathbb{k}_2}^{\ \ \mathbb{k}-j_{ik}+1)} \sum_{(n_s}^{(n_{sa}-j^{sa}-j_i)}$$

$$\sum_{n_{sa}=\mathbf{n}-j_i+1} \sum_{(n_s=\mathbf{n}-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(\mathbf{l_{sa}} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_{ik}}-k-j_{sa}^{ik}+2)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\ )} \left(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}\right) \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}-j_{sa}^{s}-j_s-s)!}$$

$$\frac{(\mathbf{l_s}-\quad)!}{(\mathbf{l_s}-\quad-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{(\quad-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D\geq \mathbf{n}<n\wedge \mathbf{l_s}\leq D-\mathbf{n}+1$

$1\leq j_s\leq j_{ik}-j_{sa}^{ik}+1\wedge j_s+\quad-1\leq j_{ik}\leq \quad+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik}\leq \quad\leq j_i+j_{sa}-s\quad+s-\quad\leq j_i\leq \mathbf{n}\wedge$

$\mathbf{l_{ik}}-j_{sa}+\quad=\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}>\mathbf{l_{ik}}\quad+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\quad+\mathbf{l_s}+\quad-\mathbf{n}-\quad\wedge$

$D\geq \quad<n\wedge I=Q5;\quad 0\wedge$

$j_{sa}\leq j_{sa}^{i}-\quad\wedge j_{sa}^{ik}=j_{sa}\quad 1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j^{s}\quad \mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,j_{sa}^{i}\}\wedge$

$s>4\wedge \mathbf{s}=\quad+Q5;\wedge$

$\quad(\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

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$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-1)!}{(j^{sa}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-j_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(j_s+j_i-1-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}^{ik}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(\mathbf{l_{sa}} + \quad - j \quad)! \cdot (j_{sa}^{sa} - j_{sa})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{s} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - \quad - \mathbf{l_{sa}})! \cdot (\quad + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + \quad - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{s}S^{D}_{\ldots ik, j^{sa}, j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-1)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{n}-\mathbf{l_i})!}{(D+\mathbf{l_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l_i}-j_i)!}+$$

$$\sum_{k=1}^{i\mathbf{l}-1}\sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_s}}^{(\quad)}\sum_{j_{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i}}^{\mathbf{l_i}-k+1}\sum_{j_i=\mathbf{l_s}+s-k+1}^{}$$

$$\sum_{Q10;+Q5;}^{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\ \sum_{(j_s=1}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l}}\ \sum_{(j^{sa}=j_i+}^{(\ )}\ \sum_{=s}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+1}$$

$$\sum_{n_i=}^{n}\ \sum_{05:\,(n_{i}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1}$$

$$\sum_{n_{sa}=\mathbf{n}-}^{+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(\ -2)!\cdot(\ -n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\ -j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )}\ \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{}{+j_{sa}^{s}-\ -s)!}\cdot$$

$$\frac{\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ !}\cdot$$

$$\frac{(D-\mathbf{l}_{\mathbf{i}}}{(D-j_i-\mathbf{n}-\mathbf{l}_{\mathbf{i}}-j_i)!}-$$

$$\sum_{k=\ _i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

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$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-(j_{ik}-j_{sa}^{ik}+1)} \sum_{=2)}
$$

$$
+j_{sa}-k)
$$

$$
\sum_{j_{ik}=j} \sum_{\mathbf{l_{sa}}\ (j^{sa}=j_{sa}} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
-j_s+1) \qquad j_{ik}-\mathbb{k}_1
$$

$$
\sum_{n_i=Q10;+Q} \sum_{n_{is}=\mathbf{n}+\mathbb{k}} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}
$$

$$
{}_{ik}+j_{ik}-j \quad -\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{{}_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}-}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-}^{\mathbb{k}_2)\ n_s} \sum^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{} - 1)!}{(j_s - 2)! \cdot (\quad n_{} - j_s + 1)!} \cdot$$

$$\frac{n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{} - n_{sa} - 1)!}{(j_{} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa})}^{\left(\mathbf{l_{sa}}-\ {}_{i}\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_s-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{i^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ _{\mathbf{i}}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=1}$$

$$\sum_{\mathrm{j_{ik}}-}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{}^{\mathrm{n}} \sum_{}^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}}^{} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \quad - \mathrm{j_s} - \mathrm{j_{ik}} - \quad - \mathbb{k} - \ \mathrm{Q5};+2 \cdot \mathrm{j^s_{sa}})!}{(2 \cdot \quad - \mathrm{n_{ik}} \quad - \mathbf{n} - \quad - \ \mathrm{Q5};+\mathrm{j^s_{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \quad + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad ^{\mathrm{ik}}_{\mathrm{sa}} + 1 \quad + \mathrm{j^{ik}_{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j^{ik}_{sa}} \leq \quad \leq \mathrm{j_i} + \mathrm{j_{sa}} \quad \mathrm{s} \quad ^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s} \quad + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad \mathrm{j^{ik}_{sa}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad = \mathrm{Q5}; > \quad \wedge$

$\mathrm{j_{sa}} \quad \mathrm{j_{sa}} \quad 1 \wedge \mathrm{j^{ik}_{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j^{s}_{sa}} < \mathrm{j^{ik}_{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j^s_{sa}}, \cdots, \mathbb{k} \quad \mathrm{j^{ik}_{sa}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j^i_{sa}}\} \wedge$

$\mathrm{s} > \quad \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\ _{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j^{ik}_{sa}}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (j_s - n_{is} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (\quad + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{i}l-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_s - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\text{[illegible]})}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_{s}}-j_{sa}^{ik}-1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_{s}}+1)!\cdot(\text{[illegible]}_{k}-j_{sa}^{ik})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_{i}})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_{i}})!\cdot(\text{[illegible]}j_{i})!}-$$

$$\sum_{\text{[illegible]}}^{\text{[illegible]}1}\sum_{(\text{[illegible]}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{s}}\text{[illegible]}-k}\sum_{(\text{[illegible]}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_{i}=j^{sa}+\mathbf{l_{i}}-\mathbf{l_{sa}}}$$

$$\sum_{n_{i}=\text{[illegible]}0;+Q5;}^{\text{[illegible]}}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_{s}+1)}^{(n_{i}-\text{[illegible]}+1)}\sum_{n_{ik}=n_{is}+j_{s}-j_{ik}-\mathbb{k}_{1}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_{2})}^{(\ )}\sum_{n_{s}=n_{sa}+j^{sa}-j_{i}}$$

$$\frac{(\text{[illegible]}n_{is}+j_{s}+\mathbb{k}_{2}-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\text{[illegible]}n_{is}+2\cdot j_{s}+\mathbb{k}_{2}-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_{s}}-k-1)!}{(\mathbf{l_{s}}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_{i}})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_{i}})!\cdot(\mathbf{n}-j_{i})!}-$$

$$\sum_{k=\ \ _{i}\mathbf{l}}\sum_{(j_{s}=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}-\ \ \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_s}\ \ \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}\ \ j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ \ ,\mathbb{k}\ \ j_{sa}^{ik},\mathbb{k}_2,\ \ \cdots,j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s+\ \ 5;\wedge$

$\mathbb{k}_z: 2\ \ 2 \wedge \mathbb{k} = \mathbb{k}_1+\ \ \mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-\mathbb{k}_1-j^{sa})!} \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot \frac{(\mathbf{l_{ik}}-l_s-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-l_s)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)} \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} - 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (\text{[illegible]}_k - j_{sa}^{ik})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_i})!}{(D + j\text{[illegible]} - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]}j_i)!} -$$

$$\sum_{k=\text{[illegible]}}^{\text{[illegible]}_i\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+\text{[illegible]}}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{\text{[illegible]}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=\text{[illegible]}0;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}-1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(\text{[illegible]}_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=\text{[illegible]}_i\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\ \ +j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_s-j_{ik}-s-\ \ Q5;+\ \ j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}\ \ Q5;+j_{sa}^{s})\ \ -s)!}\cdot$$

$$\frac{\ \ D-\mathbf{l_i})!}{\ \ +s-\mathbf{n}\ \ \mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}\ \ j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+\ \ j_{sa} \leq j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}\ \ j_{sa}\ \ \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_s}\ \ \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+\ \ -\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq \ \ -1 \wedge j_{sa}^{ik}=\ \ -1 \wedge j_{sa}^{s} < j_{sa}\ \ \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}\ \ \mathbb{k}_2,j_{sa},\cdots\ \ {}_{sa}^{i}\} \wedge$

$s > \ \ \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2\ \ \mathbb{k}=\mathbb{k}_1+\mathbb{k}\ \ \Rightarrow$

$${}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{s}+1)!}{(j_s+\mathbf{l_{ik}}-\quad)!\cdot(j_{ik}\quad -j_{sa}^{ik}+1)!}$$

$$\frac{(D\quad}{(D+j_{\quad}\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )}\sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_i}-\ _i\mathbf{l}+1}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+} \sum_{} \sum_{(n_i-j_s+1} \sum_{n_i=Q10;+Q5;} \sum_{} \sum_{} \sum_{(n_{sa}} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - \mathbb{k} - s - \mathbb{k} - Q5;)!}{(2 \cdot j_s + \mathbb{k}_2 - n_{ik} - \mathbb{k} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} \quad \wedge \mathbf{l_s} \leq \mathrm{D} - \quad + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1 \quad \mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} \quad \mathrm{j_{sa}} \quad \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + \quad > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = Q5; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{j_i-\mathbf{l_i}+\mathbf{l_{sa}}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+}^{(n_{ik}+j_{ik}-} \sum_{}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{is}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\quad-n_{sa}-1)!}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_i}+j_{sa}-\ _i\mathbf{l}-s+1\right)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-\quad)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathbf{l_s}-\quad+1)!}{(\mathbf{l_{ik}}-j_{ik}-\quad-1)!\,(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\quad-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\quad+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\ \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j_i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{\mathrm{fz}}S_{\mathrm{j_s}}^{\mathrm{DO}}{}_{\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}
$$

$$
\sum_{\mathrm{j_{ik}}}^{+\mathrm{j_{sa}^{ik}}-\mathrm{k}} \sum_{+\mathbf{n}+\mathrm{j_{sa}^{ik}}-\mathrm{D}-\mathrm{s}}^{(\ )} \sum_{(\mathrm{j^{sa}}=\mathrm{j_{ik}}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}
$$

$$
\sum_{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}
$$

$$
\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}
$$

$$
\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}
$$

$$
\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot
$$

$$
\frac{(\mathrm{n_{is}}-\mathrm{n_{ik}}-\mathbb{k}_1-1)!}{(\mathrm{j_{ik}}-\mathrm{j_s}-1)!\cdot(\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{n_{ik}}-\mathrm{j_{ik}}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(\mathrm{n_{ik}}-\mathrm{n_{sa}}-1)!}{(\mathrm{j^{sa}}-\mathrm{j_{ik}}-1)!\cdot(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{n_{sa}}-\mathrm{j^{sa}})!}\cdot
$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\quad\mathbf{l_i})!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\cdot\quad j_i)!}+$$

$$\sum_{k=}^{i\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_i}+j_{sa}^{ik}-\quad+1}\ \sum_{(\quad=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\quad Q10;+Q5;}^{(n_{is}+j_s+1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=\ldots}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_i}+j_{sa}^{ik}-\ {}_{\mathbf{i}}\mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}}\ldots}^{(\ )} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{\ldots}^{n} \sum_{\ldots(n_{ik}\ldots+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+\ldots}$$

$$\sum_{\ldots n_{sa}=\mathbf{n}-\ldots-1}^{\ldots+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(\ldots-j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(\ldots - 2)! \cdot (\ldots - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(\ldots - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j^s_{sa})!}\cdot$$

$$\frac{}{+j^s_{sa}-\ -s)!}\cdot$$

$$\frac{(\mathbf{l}_{\cdot}-k-1)!}{(\mathbf{l_s}-j_s-\ +1)!\cdot(j_s-\ )!}\cdot$$

$$\frac{(D-\ )!}{(\ +j_i-\mathbf{n}-\ )!(\mathbf{n}-j_i)!}$$

$D\geq \mathbf{n}<n\wedge \mathbf{l_s}\leq D-\mathbf{n}+1\wedge$

$1\leq j_s\leq j_{ik}-j^{ik}_{sa}+1\wedge j_s+j^{ik}_{sa}-1\leq j_{ik}-\ +j^{sa}+j^{ik}_{sa}-j_{sa}$

$j_{ik}+j_{sa}-j^{ik}_{sa}\leq j^{sa}\leq j_i+j_s-\ \wedge\ -s-j_{sa}<j_i\leq \mathbf{n}$

$\mathbf{l_{ik}}-j^{ik}_{sa}+1>\mathbf{l_s}\wedge \mathbf{l_{sa}}+j_{sa}-j_{sa}=\mathbf{l_{ik}}\wedge \mathbf{l_i}-j_{sa}-s=\mathbf{l_{sa}}\wedge$

$D+s-\mathbf{n}<\mathbf{l_i}\leq D+\mathbf{l_s}+s-\ -1\wedge$

$D\geq \ <n\wedge I=Q\ >0\wedge$

$j_{sa}\leq j^{i}_{sa}-1\wedge\ =j_{sa}-\ \wedge j^{s}_{sa}<\ -1\wedge$

$\mathbf{s}$: $\{j_s,\cdots,\mathbb{k}_1,j^{ik}_{sa},\mathbb{k}_2,\ \cdots,j^{i}_{sa}\}$

$s>4\wedge \mathbf{s}\ s+Q5;\wedge$

$\mathbb{k}_z: z\ 2\wedge \mathbb{k}=\ \mathbb{k}_2\Rightarrow$

$$_{fz}S^{DOSD}_{j_s,j_{ik},j^{sa},j_i}=\sum_{k=1}^{i\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j^{ik}_{sa}-D-s}^{\mathbf{l_i}+j^{ik}_{sa}-k-s+1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_i}+j_{sa}^{ik}-k-s+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} \quad - j_{sa}^{ik} \quad}{(j_s + \mathbf{l_{ik}} \quad - j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\quad \mathbf{l_i})!}{(\mathrm{D} \quad - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-\mathrm{D}-s}^{\mathbf{l_i}\text{a}-\ \mathbf{l}-s+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=\mathrm{Q10};+\mathrm{Q5};}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{l_s}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{-j_s+1}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+\mathbb{k}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+\mathbb{k}_1+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} \wedge j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_s+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \le j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+\mathbf{l_s}} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-} \sum_{n_i=Q5;} \sum_{(n_{is}} \sum_{-j_{ik}+1} \sum_{(n_{ik}} \sum_{n_{sa}+j^{sa}-j_i} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1)} \sum_{n_s=\mathbf{n}-j_i+1}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ \ )} \sum_{j_i=\mathbf{l_s}+s-k+}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{\mathbb{k}_2)\ n_s^{j^{sa}-j_i}}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}}^{\ \ } \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ \ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\ \mathbf{l}-j_{sa}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_s-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_s}+s-k} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - \mathrm{s} \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\mathbf{_i l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})} \sum_{(\mathrm{j^{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{\mathrm{j_i}=\mathrm{j^{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\quad\mathbf{l_i})!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\cdot\quad j_i)!}+$$

$$\sum_{k=}^{i\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\quad=\mathbf{l_s}+j_{sa}-k+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{}$$

$$\sum_{Q10;+Q5;}^{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathrm{j_s} + \mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s})! \cdot (\mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

$$\sum_{\mathrm{k}=\ \ \mathbf{l}}^{(\ \ )} \sum_{(\mathrm{j_s}=}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ \ \mathbf{l}+1\right)} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{} \sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_{ik}}=\mathrm{Q}}^{\mathrm{n}} \sum_{(\mathrm{n_i}-\mathrm{j_{ik}}-\mathbb{k}_1+}^{(\mathrm{n_{ik}}\ \ \mathbb{k}-\mathrm{j_{ik}}+1)}$$

$$\sum_{\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2}^{} \sum_{(\ \ \mathrm{j}^{\mathrm{sa}}-\mathrm{j_i})}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}}^{} \sum_{1\ \ (\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1)}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\ \ - 2)! \cdot (\ \ - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\ \ - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j}^{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j}^{\mathrm{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j}^{\mathrm{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}^{(\ \ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_{sa}}+\mathbf{n}-\mathrm{D})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})} \sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}^{}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s}\ldots}\cdot$$

$$\frac{}{+j_{sa}^{s}-\ldots-s)!}\cdot$$

$$\frac{(\mathbf{l}_{\ldots}-k-1)!}{(\mathbf{l_s}-j_s-\ldots+1)!\cdot(j_s-\ldots}\cdot$$

$$\frac{(D-\ldots)!}{(\ldots+j_i-\mathbf{n}-\ldots(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik}\ldots j^{sa}+j_{sa}^{ik}-j_{sa}$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{s}\ldots \wedge \ldots s-j_{sa} < j_i \leq \mathbf{n}$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{s}\ldots-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l}\ldots j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}\ldots\mathbf{n}-1 \wedge$

$D \geq \ldots < n \wedge I=Q\ldots > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge \ldots=j_{sa}\ldots \wedge j_{sa}^{s} < \ldots-1 \wedge$

$\mathbf{s}: \{j_{s}\ldots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, \ldots, j_{sa}^{i}\}$

$\ldots > 4 \wedge \mathbf{s}\ldots s+Q5;\wedge$

$\mathbb{k}_z: z\ldots 2 \wedge \mathbb{k}\ldots \mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}_i-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l_s} - j_{sa}^{ik} \quad)}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{D} \quad \mathbf{l_i})!}{(\mathbf{D} \quad \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ \mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j \quad \mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{n})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{=\mathbf{n}+\mathbb{k}-j_s}^{(j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+\ \ +\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(\ \ n_{is}+2\cdot j_s\ \ \mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \ \ n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{i\ \ } j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}\ \ \ j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s=\mathbf{l_{sa}} \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{sa}-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}
$$

$$
\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}-\mathbf{l_{ik}})}^{(\ldots)} \sum_{j_i=j^{sa}+\mathbf{l_i}}^{\ldots}
$$

$$
\sum_{n_i=Q5}^{n} \sum_{(n_{is}=\ldots\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ldots-j_{ik}+1}^{\ldots+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+\ldots-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{sa}}+j_{sa}^{ik}-k-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\ \ +1)}^{(n_{ik}+j_{ik}\ \ )} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j_i}$$

$$\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i-\ \ -j_s+1)!}\cdot$$

$$\frac{n_s-n_{ik}+\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_i-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_{sa}}+j_{sa}^{ik}-\ {}_{i}\mathbf{l}-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-n_s-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_s+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_s} \leq \mathrm{D} - \mathbf{n} + 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}} + 1 \wedge \mathrm{j_s} + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j^{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}^{ik}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}^{ik}} - \mathbf{n} < \mathbf{l_{ik}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}^{ik}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j_{sa}^{i}} - 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - \mathbf{n} \wedge$

$\mathbf{s}: \left\{\mathrm{j_{sa}^{s}}, \cdots, \mathbb{k}_1, \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^{i}}\right\} \wedge$

$\mathrm{s} > 4 \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j^{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)} \sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(\mathrm{j^{sa}}=\mathrm{j_i}+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_s}+\mathrm{s}-\mathrm{k}} \mathrm{j_i}=\mathbf{l_{ik}}+\mathrm{s}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}^{ik}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2)} \sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{is}} - 1)!}{(\mathrm{j_s} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{is}} - \mathrm{j_s} + 1)!} \cdot$$

$$\frac{(\mathrm{n_{is}} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - \mathrm{j_s} - 1)! \cdot (\mathrm{n_{is}} + \mathrm{j_s} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-$$

$$\frac{(\quad-\mathbf{l_i})!}{-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{-k+1)}\sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}}\sum_{=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ \ )}\sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_{ik}}+s-k-j_{sa}^{ik}+1}$$

$$\sum^{n}\sum_{Q10;+Q5;\,(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_i)!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j_{sa}^{ik}} + 1\right)!}{(\mathrm{j_s} + \mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s})! \cdot (\mathrm{j_{ik}} - \mathrm{j_s} - \mathrm{j_{sa}^{ik}} + 1)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} +$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}} \sum_{(\mathrm{j_s}=1)}^{(\ )}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j^{sa}}+\mathbf{l_{ik}}-\mathbf{l_s}} \sum_{\mathrm{j_{sa}}=\mathrm{j_i}+\mathbf{l_{sa}}-\mathbf{l_i}}^{(\ )} \sum_{\mathrm{j_i}=\mathrm{j_{sa}}+\mathrm{s}+\mathbf{n}-\mathrm{D}-\mathrm{j_{sa}^{ik}}}^{\mathbf{l_{ik}}+\mathrm{s}-\mathbf{l_s}-\mathrm{j_{sa}^{ik}}+1}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10}, \ldots 5;}^{\mathrm{n}} \sum_{(\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}-\mathrm{j_{ik}}+1)}^{(\mathrm{n_i}-\mathrm{n_{ik}}-\mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j^{sa}}+1}^{\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j^{sa}}-\mathbb{k}_2} \sum_{(\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1)}^{(\mathrm{n_{sa}}+\mathrm{j^{sa}}-\mathrm{j_i})}$$

$$\frac{(\mathrm{n_i} - \mathrm{n_{ik}} - \mathbb{k}_1 - 1)!}{(\mathrm{j_{ik}} - 2)! \cdot (\mathrm{n_i} - \mathrm{n_{ik}} - \mathrm{j_{ik}} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(\mathrm{n_{ik}} - \mathrm{n_{sa}} - 1)!}{(\mathrm{j^{sa}} - \mathrm{j_{ik}} - 1)! \cdot (\mathrm{n_{ik}} + \mathrm{j_{ik}} - \mathrm{n_{sa}} - \mathrm{j^{sa}})!} \cdot$$

$$\frac{(\mathrm{n_{sa}} - \mathrm{n_s} - 1)!}{(\mathrm{j_i} - \mathrm{j^{sa}} - 1)! \cdot (\mathrm{n_{sa}} + \mathrm{j^{sa}} - \mathrm{n_s} - \mathrm{j_i})!} \cdot$$

$$\frac{(\mathrm{n_s} - 1)!}{(\mathrm{n_s} + \mathrm{j_i} - \mathbf{n} - 1)! \cdot (\mathbf{n} - \mathrm{j_i})!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - \mathrm{j_{sa}^{ik}} + 1\right)!}{(\mathbf{l_{ik}} - \mathrm{j_{ik}} - \mathbf{l_s} + 1)! \cdot (\mathrm{j_{ik}} - \mathrm{j_{sa}^{ik}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j_{sa}^{ik}}+1)}^{(\ )}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{\mathbf{l_s}+s-k} \sum_{j_i=\mathbf{l_{ik}}+s+\mathbf{n}-D-j_{sa}^{ik}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-$$

$$\frac{1}{(\mathbf{n}$$

$$\frac{(\mathbf{l_s}-$$

$$\frac{-\mathbf{l_i})!}{(\mathbf{l}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} +$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s +$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq$$

$$\mathbf{l_{ik}} - j_{sa} +$$

$$D + j_{sa}^{ik} - \mathbf{n} < \mathbf{l}$$

$$D \geq$$

$$j_{sa} \leq j_{sa}^{i}$$

$$\mathbf{s}: \{j^{s}$$

$$s > 4 \wedge \mathbf{s} =$$

$$\mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-1}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{ik}}+j_{sa}-k-j_{sa}^{ik}+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - \mathbb{k}_2 - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_{sa} - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - \mathbb{k} + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{ik}}+j_{sa}-\ _i\mathbf{l}-j_{sa}^{ik}+1\right)} \sum_{(j^{sa}=\mathbf{l_{ik}}+\mathbf{n}+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

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$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - \text{[illegible]}} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} - 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (\text{[illegible]}_k - j_{sa}^{ik})!}$$

$$\frac{(\text{[illegible]}\mathbf{l_i})!}{(D + j\text{[illegible]} - \mathbf{n} - \mathbf{l_i})! \cdot (\text{[illegible]}j_i)!} -$$

$$\sum_{k\text{[illegible]}}^{D+\mathbf{l_s}+\text{[illegible]}-\mathbf{l_i}} \sum_{(j\text{[illegible]}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}\text{[illegible]}^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=\mathbf{l_{ik}}\text{[illegible]}+j_{sa}-D-j_{sa}^{ik})}^{(\mathbf{l_s}+\text{[illegible]}k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i\text{[illegible]}0;+Q5;} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-\text{[illegible]}1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\text{[illegible]}_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(\text{[illegible]}_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

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$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa}^{ik} - \mathbf{n} < \mathbf{l_{ik}} \leq D + \mathbf{l_s} + j_{sa}^{ik} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{i=1}^{\mathbf{i}-1} \sum_{(j_s=2)}^{(\mathbf{k}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{D\,(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\mathbf{l_s}+j_{sa}^{ik}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q5;\,+Q5;}^{n} \sum_{(n_{is}=\mathbb{k}-j_s+1)}^{(\mathbb{k}-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\ldots}^{(\ )} \sum_{\ldots-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5}^{n} \sum_{\ldots+1)}^{(n_i-j_s+\ldots} \sum_{n_{i\ldots}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}}$$

$$\sum_{(n_{sa}=\mathbf{n}\ldots+1)}^{\ldots+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{n_s=\mathbf{n}-j_i+1}^{\ldots-j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - \ldots)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

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$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ {}_{\mathbf{i}}\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}+\mathbb{k}_1+1}^{n_{ik}+j_{ik}-j_{sa}} \sum_{(n_s=\mathbf{n}-j_i)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-j_{ik}-\mathbb{k}_1+1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}+j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-j_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_{sa}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_{ik} < \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \ +j_{sa}-s=\mathbf{l_s} \wedge$

$D+j_{sa}^{ik}-\mathbf{n} < \mathbf{l_{ik}} \leq D+\mathbf{l_s}+j_{sa}^{ik}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa} \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}\ldots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2\ldots, \cdots, j_{sa}^{i}\} \wedge$

$s\ldots 4 \wedge \mathbf{s}=s\ldots Q5;\wedge$

$\mathbb{k}_z\ldots=2 \wedge \mathbb{k}=\mathbb{k}_1\ldots\mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-\mathbb{k}_2-j^{sa})!}\cdot \frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbb{k}_2-1)!\cdot(\mathbf{n}-j_i)!}\cdot \frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-\mathbb{k}+1)!\cdot(j_s-2)!}\cdot \frac{(\mathbf{l_{ik}}-j_s-j_{sa}^{ik}+1)!}{(j_s-\mathbf{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot \frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-k+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i} \frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}.$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\quad k-1)}{(\mathbf{l_s}-\quad -k+1)\quad -2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-\quad 1)!\cdot(j_{ik}\quad -j_{sa}^{ik}+1)!}$$

$$\frac{(D\quad}{(D+j_\quad \mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}\ \sum_{(j_s=1)}^{(\ \ )}$$

$$\sum_{k=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1}\ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_{ik}}+\mathbf{n}-D-j_{sa}^{ik}+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}}^{(\ )} \sum_{\ldots-j^{sa}\ldots-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(\ldots-\mathbf{n}\ldots+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\ldots+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}\ldots+j_{ik}-j^{sa}\ldots)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \ldots + \mathbb{k}_2 - n_{ik} - \ldots - s - \mathbb{k} - Q5;)!}{(\ldots 2 \cdot j_s + \ldots - n_{ik} - \ldots - \mathbf{n} - \mathbb{k} - Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \mathbf{n} \ldots \wedge \mathbf{l_i} \leq D + \ldots - \mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} - \ldots^{ik} + 1 \ldots j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \ldots j_{sa} \ldots^{ik}_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ldots > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

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$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_s}+s-k} \sum_{j_i=s+}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+}^{(n_i-j_s+1)} \sum_{\mathbf{n}+\mathbb{k}}^{n_{is}} \sum_{j_{ik}+1}^{-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{ik}}^{-j^{sa}-\mathbb{k}_2)} \sum_{n_{sa}+}^{} \sum_{j_i}
$$

$$
\sum_{=\mathbf{n}-j^{sa}}^{} \sum_{n_s=\mathbf{n}-j_i+1}^{}
$$

$$
\frac{(n_i - n_{is}}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j - j_s - 1)! \cdot (+ j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=j_{sa}+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(\quad-n_{sa}-1)!}{(j^{sa}-\quad-1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=s}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_{sa}} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\ )} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{\mathbf{l_s}+s-k} \sum_{j_i=s+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-$$

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum^{(\ )}{}_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=n_{ik}}\sum^{(\ )}{}_{k-j^{sa}-\mathbb{k}_2\ (n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D\geq\mathbf{n}<n\wedge\mathbf{l_i}$ $D+s-$ $\wedge$

$1\leq$ $\leq j_{ik}-j_{sa}^{ik}+$ $j_s+j_{sa}^{ik}-1\leq j_{ik}\leq j^{sa}+j_{sa}^{ik}-j_{sa}\wedge$

$j_{ik}+j_{sa}-$ $^{ik}\leq j^{sa}\leq j_{$ $j_{sa}-s\wedge j^{sa}+s-j_{sa}\leq j_i\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-$ $+1>$ $_{sa}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}}\wedge\mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}}\wedge$

$D\geq\mathbf{n}<$ $=Q5;>0\wedge$

$<j^{i}$ $1\wedge j_{sa}^{ik}=j_{sa}-1\wedge j_{sa}^{s}<j_{sa}^{ik}-1\wedge$

$\mathbf{s}:\{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,j_{sa}^{i}\}\wedge$

$s>4\wedge\mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=j_{sa}+1)}^{(n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i}^{n_{sa}-j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - n_{ik} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{\mathbf{l_i}-k+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-\quad}{(j^{sa}-\quad-1)!\cdot\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{(j^{sa}=j_{sa})}^{\mathbf{l_i}-\ _i\mathbf{l}+1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_{sa}} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_{s}-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-$$

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}}\sum_{-j^{sa}-\mathbb{k}_2\ (n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i}$ $D+s-$ $\wedge$

$1 \leq$ $\leq j_{ik}-j_{sa}^{ik}+$ $j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-$ $^{ik} \leq j^{sa} \leq j_{$ $j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-$ $+1>$ $_{sa}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} <$ $=Q5;>0 \wedge$

$<j^{i}$ $1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}<j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ \ )} \sum_{j_i=j^{sa}+s-}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}_{2}-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}
$$

$$
\sum_{(n_{sa}=\ \ ^{sa}+1)}^{(n_{ik}+j_{ik}\ \ \ )} \sum_{n_s=\mathbf{n}-j_i}^{n_s\ \ \ ^{sa}-j_i}
$$

$$
\frac{(n_{\cdot}-n_{is}-1)!}{(j_s-2)!\cdot(n_i\ \ \ \ j_s+1)!}\cdot
$$

$$
\frac{{}_{s}-n_{ik}\ \ \mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s\ \ n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{i}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{i}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2 \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_{} - 1)!}{(j_{ik} - j_s - \mathbb{k}_{} + j_s - \mathbb{k}_{} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{} - n_{sa} - }{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_{} - 1)!}{(j_i - j^{sa} - \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + \mathbf{l_{sa}} - \mathbf{l_{sa}} - s)!}{(j^{sa} + j_{sa} - j^{sa} - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-$$

$$\sum_{k=}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}}\sum_{k\ (j^{sa}=j_{sa})}\sum_{j_i=s}$$

$$\sum_{n_i=Q10,}^{n}\sum_{;\,(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}}\sum_{-j^{sa}-\mathbb{k}_2\ (n_s=n_{sa}+j^{sa}-j_i)}^{(\ )}$$

$$\frac{(2\cdot n_i+\mathbb{k}_2-j_{ik}-j_s-j_{ik}-s-\mathbb{k}-\ Q5;+2\cdot j_{sa}^{s})!}{(2\cdot n_i+\mathbb{k}_2-n_i-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;+j_{sa}^{s})!\cdot(\mathbf{n}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+s-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i}$ $D+s-$ $\wedge$

$1 \leq$ $\leq j_{ik}-j_{sa}^{ik}+$ $j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-$ $^{ik} \leq j^{sa} \leq j_{$ $j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-$ $^{ik}+1>$ $_{sa}+j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s>\mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} <$ $=Q5;>0 \wedge$

$<j^{i}$ $1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}<j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s},\cdots,\mathbb{k}_1,j_{sa}^{ik},\mathbb{k}_2,j_{sa},\cdots,j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+Q5; \wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{\mathrm{fz}}S^{\mathrm{DOSD}}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

$$
\sum_{j_{ik}=j_s+j^{ik}_{sa}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{\mathbb{k}_a)\ n_s^{j^{sa}-j_i}}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} + j_s - j_s + 1)!} \cdot
$$

$$
\frac{n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=\ {}_{i}\mathbf{l}}^{(\ )} \sum_{(j_s=1)}
$$

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$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ {}_{i}\mathbf{l}+1} \ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-\ {}_{i}\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \ \sum_{(n}^{(n_{sa}+j^{sa}-}$$

$$\frac{(n_i - n_{ik} - \quad 1)!}{(j_{ik} - 2)! \cdot (n_i \quad n_{ik} - j_{ik} - \quad 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} \quad 1)!}{(j^{sa} - j_{ik} \quad 1) \quad + j_{ik} \quad n_{sa} - j^{sa})!} \cdot$$

$$\frac{(\quad - n_s - 1)}{(j_i \quad - 1)! \quad + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s \quad j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{\mathbf{ik} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(\quad + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{} \ \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \ \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

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$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; -j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s -}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{(\ )} \sum_{j_i=s}$$

$$\sum_{n_i=(\ ;+Q5;\ (n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{n} \ \sum^{(\ )}$$

$$\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \ \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2 \cdot n_{\ } \mathbb{k}_2 - n_{\ } - j_s - j_{ik} - s - \mathbb{k} - \ Q5; +2 \cdot j_{sa}^{s})!}{(2 \cdot n_i + \mathbb{k} \ \ _{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; +j_{sa}^{s})! \cdot (\mathbf{n} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + s - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} \ \ \wedge \mathbf{l_s} \leq D - \ \ + 1 \wedge$

$1 \leq j_s \leq j_{ik} \ \ ^{ik} + 1 \ \ _s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \ \ j_{sa} \ \ ^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + \ \ > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s > \mathbf{l_{sa}} \wedge$

$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j_{sa}^{s} < j_{sa}^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1\,(j_{ik}-j^{ik}_{sa}+1)} \sum_{(j_s=2)}
$$

$$
\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(j_i+j_{sa}-s)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_s}+s-} \sum_{=\mathbf{l_i}+\mathbf{n}-D}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+1} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s} \sum_{-\mathbb{k}_1}
$$

$$
\sum_{n_{sa}=\mathbf{n}-j^{sa}+}^{(n_{ik}+j_{ik}-} \sum_{-j_i+1}^{\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_{is}-n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-n_{is}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{ik}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j^{ik}_{sa}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j^{ik}_{sa}+1)!}\cdot
$$

$$
\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

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$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_{sa}}-k+1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{\mathbb{k}_2)\ n_s} \sum^{j^{sa}-j_i}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=}^{(\ )} \sum_{(j_s=1)} {}_{\mathbf{i}}\mathbf{l}$$

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$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{\left(\mathbf{l_{sa}}-\ _{i}\mathbf{l}+1\right)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-\ _{i}\mathbf{l}+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n}^{(n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_s - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s - j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j_i + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

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$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s -$$

$$\frac{(D - \mathbf{l}$$

$$(D + j_i - \mathbf{n} - \mathbf{l_i}$$

$$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j$$

$$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} = \mathbf{l_{ik}}$$

$$D + s - \mathbf{n} < \mathbf{l_i} \leq D + \mathbf{l_s} + s - \mathbf{n} - 1 \wedge$$

$$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$$

$$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j$$

$$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdot \right.$$

$$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 \cdot \mathbb{k}_2 \Rightarrow$$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s-1)} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\mathbf{l_i}-k+1} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(k-1)}{(\mathbf{l_s}-k+1)-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-)!\cdot(j_{ik}-j^{ik}_{sa}+1)!}$$

$$\frac{(\mathbf{l_i}-\mathbf{l_{sa}}}{(j^{sa}+j_i-\mathbf{l_{sa}}(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(\mathbf{l_i})!}{(\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{\mathbf{l_i}-1}\sum_{(j_s=2)}^{(j_{ik}-j^{ik}_{sa}+1)}$$

$$\sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_s}+j_{sa}-k)}\sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_i}+j_{sa}-\quad s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_s}\quad!\cdot(j_i+j_{sa}\quad-s)!}\cdot$$

$$\frac{(\quad-\mathbf{l_i})!}{\quad-\mathbf{n}-\quad!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=1}^{\quad}\ \sum_{(j_s=2)}^{\quad-k+1)}$$

$$\sum_{j_{ik}=j^{sa}}^{\quad}\ \sum_{=\mathbf{l_s}+j_{sa}-k+1)}^{\mathbf{l_{sa}}-k+1)}\ \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{\quad Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}}\sum_{(j_s=\ )}^{(\ )}$$

$$\sum_{j_{ik}=\ {}^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}\sum_{\ {}^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ {}_{\mathbf{i}}\mathbf{l}}\sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ {}_{\mathbf{i}}\mathbf{l}+1}$$

$$\sum_{n_i=\ 10;+Q5;}^{n}\sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

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$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )} \sum_{j_{ik}=j^{sa}+\mathbf{l_{ik}}-\mathbf{l_{sa}}}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-\quad -s-\quad -Q5;)!}{(2\cdot n_{is}+2\quad +\mathbb{k}_2-n_{ik}\quad -\quad -\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}\quad j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \quad D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik} \quad j_{sa}^{ik}+1 \quad j_i+j_{sa}^{ik}-1 \leq \quad \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq \quad \leq j_i+j_s \quad -s \quad ^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j \quad +1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad j_{sa}^{ik}-j_{sa}=\mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} \quad \leq D+\mathbf{l} \quad +s-\mathbf{n}-1 \wedge$

$D \geq \quad n \wedge I=Q5;>0 \wedge$

$j_{sa} \leq j_{sa}^{i} - \quad \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{sa}^{s}<j_{sa}^{ik}-1 \wedge$

$\quad \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s>4 \wedge \mathbf{s}=s+Q5;\wedge$

$\mathbb{k}_z: z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_i}-k+1}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s+j_i-j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_i - n_{ik} - j_s + 1)!} \cdot
$$

$$
\frac{n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{i} - n_{ik} - \mathbb{k}_{} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{} + j_s - n_{} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{} - n_{sa} - 1)!}{(j^{sa} - j_{} - 1)! \cdot (n_{} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_{s} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_{sa}})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}-j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j^{sa}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n_s-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - \quad)!}{(n_s + j_{\quad} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_i} - \mathbf{l_s} - j_{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \quad 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_i} + j_{sa} - \mathbf{l_{sa}} - s)!}{(j^{sa} + \mathbf{l_i} - \quad - \mathbf{l_{sa}})! \cdot (\quad + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + \quad - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} = \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s > \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik} - \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}^{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)} \sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-k+1} \sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - \quad)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_i} + j_{sa} - \quad s)!}{(j^{sa} + \mathbf{l_i} - j_i - \mathbf{l_s} \quad)! \cdot (j_i + j_{sa} \quad - s)!} \cdot$$

$$\frac{(\quad - \mathbf{l_i})!}{\quad - \mathbf{n} - \quad)! \cdot (\mathbf{n} - j_i)!}$$

$$\sum_{i}^{l-1} \quad \sum_{k \quad (j_s = \mathbf{l_i} + \mathbf{n} - D - s + 1)}$$

$$\sum_{j_{ik} = j_s}^{\mathbf{l_{ik}} - k + 1} \quad \sum_{\quad = j_{ik} + \mathbf{l_{sa}} - \mathbf{l_{ik}})} \quad \sum_{j_i = j^{sa} + s - j_{sa}}^{\mathbf{l_i} - k + 1}$$

$$\sum_{\quad Q10;+Q5;}^{n} \quad \sum_{(n_{is} = \mathbf{n} + \mathbb{k} - j_s + 1)}^{(n_i - j_s + 1)} \quad \sum_{n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 1}^{n_{is} + j_s - j_{ik} - \mathbb{k}_1}$$

$$\sum_{(n_{sa} = \mathbf{n} - j^{sa} + 1)}^{(n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2)} \quad \sum_{n_s = \mathbf{n} - j_i + 1}^{n_{sa} + j^{sa} - j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

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$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ {}_i\mathbf{l}}\sum_{(j_s=\ )}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}}\ \sum_{(\ =j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )}\ \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ {}_i\mathbf{l}+1}$$

$$\sum_{n_i=\ 10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{\ {}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_i}+j_{sa}-\mathbf{l_{sa}}-s)!}{(j^{sa}+\mathbf{l_i}-j_i-\mathbf{l_{sa}})!\cdot(j_i+j_{sa}-j^{sa}-s)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

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$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+\mathbf{l_{sa}}-\mathbf{l_{ik}})}^{(\ )} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_{sa}-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j_{sa}-1}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}+j_{ik}-s-\mathbf{n}-Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}+j_{ik}-s-\mathbf{n}-\mathbb{k}-Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_i} \leq D+s-\mathbf{n} \wedge$

$1 \leq j_s \leq j_{ik} \wedge j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j_{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \wedge j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > \mathbf{n} \wedge$

$j_{sa} \leq j_{sa}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\} \wedge$

$s \leq s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1+\mathbb{k}_2 \Rightarrow$

$${}_{fz}S_{j_s,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{\mathbf{i}^{\mathbf{l}-1}} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_i} - \mathbf{l_s} - j_{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - 1)! \cdot (\mathbf{l_i} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{ik}} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (\mathbf{l_{ik}} - j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + \mathbf{l_s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=s+1}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ _{\mathbf{i}}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=1}$$

$$\sum_{\mathrm{j_{ik}}-}^{(\ )} \sum_{\ ^{\mathrm{sa}}=\mathrm{j}_{\mathrm{i}}}^{\ } \sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{=}^{\mathrm{n}} \sum_{\mathrm{Q5};\,(\mathrm{n_{ik}}}^{(\ )} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}$$

$$\sum_{\mathrm{n_{sa}}}^{} \sum_{+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{s}}}^{} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \ _{\mathrm{k}} - \mathrm{j_s} - \mathrm{j_{ik}} - \ - \mathbb{k} - \ \mathrm{Q5};+2 \cdot \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})!}{(2\ \ - \mathrm{n_{ik}}\ _{\mathrm{k}} - \mathbf{n} - \ - \ \mathrm{Q5};+\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \ + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}\ ^{\mathrm{ik}}_{\mathrm{sa}} + 1 \wedge \ + \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j}\ \leq \mathrm{j_i} + \mathrm{j_{sa}}\ \ ^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s}\ + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}\ \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n}\ \ = \mathrm{Q5};\ \ \wedge$

$\mathrm{j_{sa}}\ \ \mathrm{j_{sa}}\ \ 1 \wedge \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}} < \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \cdots, \mathbb{k}\ \ \mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}^{\mathrm{i}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} > \ \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\ _{\mathbf{i}}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{ik}}_{\mathrm{sa}}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is}}$$

$$\frac{(n_{i} - n_{ik} - \mathbb{k}_{} - 1)!}{(j_{ik} - j_s - 1 \cdot (j_{} - n_{} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (+ j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_{s} - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!}$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - \quad)!}{(n_s + j_{\quad} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{\quad}} - \mathbf{l_s} - j_{\quad}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \quad - 1)! \cdot (j_{\quad}^{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\quad + j_{sa}^{ik} - \quad - j_{sa})!}{(j_{\quad} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{\quad}})! \cdot (j_{\quad} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + \quad - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=}^{(\ )}$$

$$\sum_{j_{ik}-} \sum_{{}_{sa}=j} \sum_{j_i=s}$$

$$\sum_{}^{n} \sum_{Q5;\,(n_{ik}} \sum_{-j_{ik}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{n_{sa}} \sum_{+j_{ik}-j^{s}} \sum_{(n_s=n_{sa}+j^{sa}-j_i)}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \ldots - \mathrm{j_s} - \mathrm{j_{ik}} - \ldots - \mathbb{k} - \ Q5; +2 \cdot \mathrm{j_{sa}^s})!}{(2 \ldots - \mathrm{n_{ik}} \ldots - \mathbf{n} - \ldots - \ Q5; +\mathrm{j_{sa}^s})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \ldots + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \ldots \mathrm{j_{sa}^{ik}} + 1 \wedge \ldots + \mathrm{j_{sa}^{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j^{sa}} + \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j_{sa}^{ik}} \leq \mathrm{j} \ldots \leq \mathrm{j_i} + \mathrm{j_{sa}} \ldots \mathrm{s} \ldots \mathrm{j^{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_{sa}} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \ldots \mathrm{j_{sa}^{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \ldots = Q5; > \ldots \wedge$

$\mathrm{j_{sa}} \ldots \mathrm{j_{sa}} \ldots 1 \wedge \mathrm{j_{sa}^{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j_{sa}^{s}} < \mathrm{j_{sa}^{ik}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j_{sa}^s}, \cdots, \mathbb{k} \ldots \mathrm{j_{sa}^{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j_{sa}^i}\} \wedge$

$\mathrm{s} > \ldots \wedge \mathbf{s} = \mathrm{s} + Q5; \wedge$

$\mathbb{k}_z: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$${}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

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$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)}{(j^{sa} - j_{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(j^{sa} - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - j_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(\mathbf{n} + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-\ _i\mathbf{l}+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

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$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}+1)!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_i}-\mathbf{l_s}-j_{ik}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(j_{sa}^{ik}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+\mathbf{l_s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{\mathbf{i}^{l-1}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

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$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=\ \mathbf{i}\mathbf{l}}^{(\ )} \sum_{(\mathrm{j_s}=1}$$

$$\sum_{\mathrm{j_{ik}}-} \sum_{\mathrm{j_i}=\mathrm{s}}^{(\ )}$$

$$\sum_{=\ \mathrm{Q5};\ (\mathrm{n_{ik}}}^{\mathrm{n}} \sum_{-\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}}^{} \sum_{+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{s}}}^{} \sum_{(\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i})}$$

$$\frac{(2 \cdot \mathrm{n_i} + \mathbb{k}_2 - \quad - \mathrm{j_s} - \mathrm{j_{ik}} - \quad - \mathbb{k} - \ \mathrm{Q5};\ +2 \cdot \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})!}{(2 \quad - \mathrm{n_{ik}} \quad - \mathbf{n} - \quad - \ \mathrm{Q5};\ +\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}})! \cdot (\mathbf{n} - \mathrm{s})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{s} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{s})!}$$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathbf{l_i} \leq \quad + \mathrm{s} - \mathbf{n} \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}} \quad ^{\mathbf{ik}}_{\mathbf{sa}} + 1 \quad + \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathbf{sa}} + \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}} + \mathrm{j_{sa}} - \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} \leq \quad \leq \mathrm{j_i} + \mathrm{j_{sa}} \quad \mathrm{s} \quad ^{\mathbf{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j_s} \quad + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} \quad \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \quad = \mathrm{Q5}; \quad \wedge$

$\mathrm{j_{sa}} \quad \mathrm{j_{sa}} \quad 1 \wedge \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}^{\mathrm{s}}_{\mathrm{sa}} < \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}} - 1 \wedge$

$\mathbf{s}: \{\mathrm{j}^{\mathrm{s}}_{\mathrm{sa}}, \cdots, \mathbb{k} \quad \mathrm{j}^{\mathbf{ik}}_{\mathbf{sa}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}^{\mathrm{i}}_{\mathrm{sa}}\} \wedge$

$\mathrm{s} > \quad \wedge \mathbf{s} = \mathrm{s} + \mathrm{Q5}; \wedge$

$\mathbb{k}_{\mathrm{z}}: \mathrm{z} = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$_{\mathrm{fz}}\mathrm{S}^{\mathrm{DOSD}}_{\mathrm{j_s}\ ,\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}} = \sum_{\mathrm{k}=1}^{\ \mathbf{i}\mathbf{l}-1} \sum_{(\mathrm{j_s}=2)}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

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$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-1} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)!}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ \ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\left(\mathbf{l_{sa}}-\ _i\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{sa} + \mathbf{l_{sa}} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - \ Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - \ Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j}_{\mathrm{s}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j}_{\mathrm{s}}-\mathrm{k}+1)!\cdot(\mathrm{j}_{\mathrm{s}}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-}-$$

$$\sum_{\mathrm{k}=}^{(\ )}\sum_{(\mathrm{j_s}=1)}$$

$$\sum_{\mathrm{j_{ik}}}\sum_{\mathrm{k}\ (\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{sa}})}\sum_{\mathrm{j_i}=\mathrm{s}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10},}^{\mathrm{n}}\sum_{;\ (\mathrm{n_{ik}}=\mathrm{n_i}-\mathrm{j_{ik}}-\mathbb{k}_1+1)}^{(\ )}$$

$$\sum_{\mathrm{n_{sa}}=\mathrm{n_{ik}}}\sum_{\mathrm{k}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2\ (\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i})}^{(\ )}$$

$$\frac{(2\cdot\mathrm{n_i}+\mathbb{k}_2-\mathrm{j_{ik}}-\mathrm{j_s}-\mathrm{j_{ik}}-\mathrm{s}-\mathbb{k}-\ \mathrm{Q5};+2\cdot\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!}{(\mathrm{n_i}+\mathbb{k}_2-\mathrm{n_i}-\mathrm{j_{ik}}-\mathbf{n}-\mathbb{k}-\ \mathrm{Q5};+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!\cdot(\mathbf{n}-\mathrm{s})!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{s}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-\mathrm{s})!}$$

$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_s}$ $\mathrm{D}-\mathbf{n}$ $1\wedge$

$1\leq$ $\leq\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+$ $\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\leq\mathrm{j_{ik}}\leq\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}\wedge$

$\mathrm{j_{ik}}+\mathrm{j_{sa}}-$ $^{\mathrm{ik}}\leq\mathrm{j}^{\mathrm{sa}}\leq\mathrm{j}$ $\mathrm{j_{sa}}-\mathrm{s}\wedge\mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j_{sa}}\leq\mathrm{j_i}\leq\mathbf{n}\wedge$

$\mathbf{l_{ik}}-$ $^{\mathrm{ik}}+1>$ $\mathrm{j_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j_{sa}}-\mathrm{s}=\mathbf{l_{sa}}\wedge$

$\mathrm{D}+\mathrm{s}-\mathbf{n}$ $\mathbf{l_i}\leq\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-1\wedge$

$>\mathbf{n}\leq$ $\wedge\mathrm{I}=\mathrm{Q5};>0\wedge$

$\mathrm{j_{sa}}\leq\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j_{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}<\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$

$\mathbf{s}:\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\cdots,\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j_{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}\wedge$

$\mathrm{s}>4\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$

$\mathbb{k}_{\mathrm{z}}:\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\Rightarrow$

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$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ \ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}}^{\mathbf{l_s}+s-k}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_2-j_{ik}+1}
$$

$$
\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{\mathbb{k}_a)\ n_s^{j^{sa}-j_i}}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
$$

$$
\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +
$$

$$
\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}
$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+1}^{\mathbf{l_i}-k+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}}$$

$$\frac{(n_{\quad}-1)}{(j_s-2)!\cdot(n_i-n_{is}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-\quad+j_s-\quad-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{\quad}-n_{sa}-1)!}{(j^{sa}-\quad-1)!\cdot(\quad+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{\quad}-1)!}{(j_i-j^{sa}-\quad)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_i}-\ _i\mathbf{l}+1}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{sa} + \mathbf{l_{sa}} - \mathbf{l_s} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_i}+\mathbf{n}-D}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}-\mathrm{j}_{\mathrm{s}}-\mathrm{s})!}\cdot$$

$$\frac{(\mathbf{l_s}-\mathrm{k}-1)!}{(\mathbf{l_s}-\mathrm{j}_{\mathrm{s}}-\mathrm{k}+1)!\cdot(\mathrm{j}_{\mathrm{s}}-2)!}\cdot$$

$$\frac{(\mathrm{D}-\mathbf{l_i})!}{(\mathrm{D}+\mathrm{j}_{\mathrm{i}}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}$$

$$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathbf{l_s}\leq\mathrm{D}-\mathbf{n}+1\wedge$$

$$1\leq\mathrm{j}_{\mathrm{s}}\leq\mathrm{j}_{\mathrm{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1\wedge\mathrm{j}_{\mathrm{s}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\leq\mathrm{j}_{\mathrm{ik}}\leq\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}_{\mathrm{sa}}\wedge$$

$$\mathrm{j}_{\mathrm{ik}}+\mathrm{j}_{\mathrm{sa}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}\leq\mathrm{j}^{\mathrm{sa}}\leq\mathrm{j}_{\mathrm{i}}+\mathrm{j}_{\mathrm{sa}}-\mathrm{s}\wedge\mathrm{j}^{\mathrm{sa}}+\mathrm{s}-\mathrm{j}_{\mathrm{sa}}\leq\mathrm{j}_{\mathrm{i}}\leq\mathbf{n}\wedge$$

$$\mathbf{l_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1>\mathbf{l_s}\wedge\mathbf{l_{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j}_{\mathrm{sa}}>\mathbf{l_{ik}}\wedge\mathbf{l_i}+\mathrm{j}_{\mathrm{sa}}-\mathrm{s}=\mathbf{l_{sa}}\wedge$$

$$\mathrm{D}+\mathrm{s}-\mathbf{n}<\mathbf{l_i}\leq\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-1\wedge$$

$$\mathrm{D}\geq\mathbf{n}<\mathrm{n}\wedge\mathrm{I}=\mathrm{Q5};>0\wedge$$

$$\mathrm{j}_{\mathrm{sa}}\leq\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}=\mathrm{j}_{\mathrm{sa}}-1\wedge\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}<\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1\wedge$$

$$\mathbf{s}\colon\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}},\cdots,\mathbb{k}_1,\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}},\mathbb{k}_2,\mathrm{j}_{\mathrm{sa}},\cdots,\mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\}\wedge$$

$$\mathrm{s}>4\wedge\mathbf{s}=\mathrm{s}+\mathrm{Q5};\wedge$$

$$\mathbb{k}_{\mathrm{z}}\colon\mathrm{z}=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2=$$

$${}_{\mathrm{fz}}S_{\mathrm{j_s},\mathrm{j_{ik}},\mathrm{j}^{\mathrm{sa}},\mathrm{j_i}}^{\mathrm{DOSD}}=\sum_{\mathrm{k}=1}^{{}_{\mathbf{i}}\mathbf{l}-1}\sum_{(\mathrm{j_s}=2)}^{(\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathbf{l_{ik}}+\mathbf{n}-\mathrm{D}}^{\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}}\sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}-\mathrm{s})}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})}\sum_{\mathrm{j_i}=\mathrm{j}^{\mathrm{sa}}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}}\sum_{(\mathrm{n_{is}}=\mathbf{n}+\mathbb{k}-\mathrm{j_s}+1)}^{(\mathrm{n_i}-\mathrm{j_s}+1)}\sum_{\mathrm{n_{ik}}=\mathbf{n}+\mathbb{k}_2-\mathrm{j_{ik}}+1}^{\mathrm{n_{is}}+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1}$$

$$\sum_{(\mathrm{n_{sa}}=\mathbf{n}-\mathrm{j}^{\mathrm{sa}}+1)}^{(\mathrm{n_{ik}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}-\mathbb{k}_2)}\sum_{\mathrm{n_s}=\mathbf{n}-\mathrm{j_i}+1}^{\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(\mathrm{n_i}-\mathrm{n_{is}}-1)!}{(\mathrm{j_s}-2)!\cdot(\mathrm{n_i}-\mathrm{n_{is}}-\mathrm{j_s}+1)!}\cdot$$

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$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-\cdots)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}$$

$$\frac{(\cdots k-1)!}{(\mathbf{l_s}-\cdots-k+1)!\cdot(\cdots-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_s+1)!}{(j_s+\mathbf{l_{ik}}-\cdots)!\cdot(j_{ik}-\cdots-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_{sa}}+j_s-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-\cdots-\mathbf{l_{ik}})!\cdot(\cdots+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D-\cdots-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{\mathbf{i}l-1}\ \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_i}+j_{sa}-k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-)!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!(j^{sa}+j_{sa}^{ik}-j_{sa})!}\cdot$$

$$\frac{(-\mathbf{l_i})!}{-\mathbf{n}-!\cdot(\mathbf{n}-j_i)!}$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{=\mathbf{l_{ik}}+\mathbf{n}-}^{-\ _i\mathbf{l}+1}\ \sum_{-\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+-\ _i\mathbf{l}-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j_{sa}}\right)!}{(\mathrm{j_{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{ik}} - \mathrm{j_{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathrm{j_{ik}}-\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}+1}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j}^{\mathrm{sa}}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-\mathrm{j_{sa}}}^{(\mathbf{l_s}+\mathrm{j_{sa}}-\mathrm{k})} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathbf{l_i}+\mathbf{n}+\mathrm{j_{sa}}-\mathrm{D}} \sum_{-\mathrm{j}^{\mathrm{sa}}-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10};+\mathrm{Q5};}^{\mathrm{n}} \sum_{(\mathrm{n_i}-\mathrm{j_s}+1}^{(\mathrm{n_i}-\mathrm{j_s}+1)} \sum_{-1)\,\mathrm{n_{ik}}=}$$

$$\sum_{(\mathrm{n_{sa}}+\mathrm{j_{ik}}-\mathrm{j}^{\mathrm{sa}}}^{+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathrm{s} - \mathbb{k} - \mathrm{Q5};)!}{(2 \cdot \mathrm{j_s} + - \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5}; - \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n}$ $\wedge\, \mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}$ $+ 1$ $\mathrm{j_s} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} \wedge$

$\mathrm{j_{ik}}$ $- \mathrm{j_{sa}}$ $\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +$ $> \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{s} - \mathbf{n} < \mathbf{l_i} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{s} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5}; > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} j_i^{\ \ \ \

$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1} {}_{2}-j_{ik}+1$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} {}_{sa}+1) \sum_{n_s=\mathbf{n}-j_i}^{} {}_{sa}-j_i$$

$$\frac{(n_{\cdot} - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - j_s + 1)!} \cdot$$

$$\frac{- n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_i - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{\mathbf{l_i}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

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$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_i}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)\ n_{sa}+j^{sa}-} \sum_{=\mathbf{n}-j_i+1}$$

$$\frac{(n_i - 1)}{(j_s - 2)! \cdot (n_i - n_{is} + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k} - 1)!}{(j_{ik} - j_s - 2)! \cdot (n_{ik} + j_s - n_{is} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - n_{sa} - 1)}{(j^{sa} - 1)! \cdot (n_{sa} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s + 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ _i\mathbf{l}}^{(\ )} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _i\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{\left(\mathbf{l_i}+j_{sa}-\ _i\mathbf{l}-s+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

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$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} - n_s - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{sa} + \mathbf{l_{sa}} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_a^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=\mathbf{l_i}+\mathbf{n}+j_{sa}^{ik}-D-s}^{\mathbf{l_s}+j_{sa}^{ik}-k} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ )} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

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$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i}+j_{sa}-s = \mathbf{l_{sa}} \wedge$

$D+s-\mathbf{n} < \mathbf{l_i} \leq D+\mathbf{l_s}+s-\mathbf{n}-1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik} = j_{sa}-1 \wedge j_{sa}^{s} < j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdots, j_{sa}^{i}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s+Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 =$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_i}+\mathbf{n}-D-s)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_i}+\mathbf{n}+j_{sa}-D-s)}^{(\mathbf{l_i}+j_{sa}-k-s+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-\quad)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-\quad+1)!}{(j_{s}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l}\quad\cdot(j_{ik}-j_{s}\quad+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}\quad)!}{(j_{ik}+\mathbf{l_{sa}}-j^{s}\quad(j^{sa}+j\quad-j_{ik}-j_{sa})!}$$

$$\frac{(D-\quad}{(D+j\quad\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}+$$

$$\sum_{k=1}^{\mathbf{i}^{l}-}\ \sum_{(j_s=\mathbf{l_i}+\mathbf{n}-D-s+1)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_i}+j_{sa}-k-s+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}\ \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_{i}-n_{is}-1)!}{(j_{s}-2)!\cdot(n_{i}-n_{is}-j_{s}+1)!}\cdot$$

$$\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_{s}-1)!\cdot(n_{is}+j_{s}-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

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$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(\quad)!}{(D+\quad-\mathbf{n}-\mathbf{l_i})!\quad j_i)!}+$$

$$\sum_{\mathbf{l}}\sum_{(j_s=1)}^{(\quad)}$$

$$\sum_{=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ \mathbf{l}+\quad}\ \sum_{(j^{sa}=\quad}^{\left(\mathbf{l_i}+j_{sa}\quad-s+1\right)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{\quad\mathbf{n}+j_{sa}-D-s)}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

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$$\frac{\left(\mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}\right)!}{(\mathrm{j}_{\mathrm{ik}} + \mathbf{l_{sa}} - \mathrm{j}^{\mathrm{sa}} - \mathbf{l_{ik}})! \cdot (\mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}_{\mathrm{ik}} - \mathrm{j}_{\mathrm{sa}})!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j}_{\mathrm{i}} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j}_{\mathrm{i}})!} -$$

$$\sum_{\mathrm{k}=1}^{\mathrm{D}+\mathbf{l_s}+\mathrm{s}-\mathbf{n}-\mathbf{l_i}} \sum_{(\mathrm{j_s}=\mathbf{l_i}+\mathbf{n}-\mathrm{D}-\mathrm{s}+1}^{(\mathbf{l_s}-\mathrm{k}+1)}$$

$$\sum_{\mathrm{j_{ik}}=\mathrm{j_s}+\mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}-1} \sum_{(\mathrm{j}^{\mathrm{sa}}=\mathrm{j_{ik}}+\mathrm{j_{sa}}} \sum_{=\mathrm{j}^{\mathrm{sa}}} \sum_{-\mathbf{l_{sa}}}$$

$$\sum_{\mathrm{n_i}=\mathrm{Q10;}+\mathrm{Q5;}}^{\mathrm{n}} \sum_{(\mathrm{n_i}-\mathrm{j_s}+1} \sum_{+\mathrm{j_s}-\mathrm{j_{ik}}-\mathbb{k}_1} \sum_{\mathrm{n_{ik}}}$$

$$\sum_{(\mathrm{n_{sa}}+\mathrm{j_{ik}}-\mathrm{j}} \sum_{\mathrm{n_s}=\mathrm{n_{sa}}+\mathrm{j}^{\mathrm{sa}}-\mathrm{j_i}}$$

$$\frac{(2 \cdot \mathrm{n_{is}} + \mathbb{k}_2 - \mathrm{n_{ik}} - \mathbb{k} - \mathrm{s} - \mathbb{k} - \mathrm{Q5;})!}{(2 \cdot \mathrm{j_s} - \mathrm{n_{ik}} - \mathbf{n} - \mathbb{k} - \mathrm{Q5;} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}})!} \cdot$$

$$\frac{1}{(\mathbf{n} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} - \mathrm{j_s} - \mathrm{s})!} \cdot$$

$$\frac{(\mathbf{l_s} - \mathrm{k} - 1)!}{(\mathbf{l_s} - \mathrm{j_s} - \mathrm{k} + 1)! \cdot (\mathrm{j_s} - 2)!} \cdot$$

$$\frac{(\mathrm{D} - \mathbf{l_i})!}{(\mathrm{D} + \mathrm{j_i} - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - \mathrm{j_i})!}$$

$\mathrm{D} \geq \mathbf{n}$ $\wedge$ $\mathbf{l_s} \leq \mathrm{D} -$ $+ 1 \wedge$

$1 \leq \mathrm{j_s} \leq \mathrm{j_{ik}}$ $^{\mathrm{ik}} + 1$ $_{\mathrm{s}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \leq \mathrm{j_{ik}} \leq \mathrm{j}^{\mathrm{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j}_{\mathrm{sa}} \wedge$

$\mathrm{j_{ik}}$ $\mathrm{j_{sa}}$ $^{\mathrm{ik}}_{\mathrm{sa}} \leq \mathrm{j}^{\mathrm{sa}} \leq \mathrm{j_i} + \mathrm{j_{sa}} - \mathrm{s} \wedge \mathrm{j}^{\mathrm{sa}} + \mathrm{s} - \mathrm{j_{sa}} \leq \mathrm{j_i} \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} +$ $> \mathbf{l_s} \wedge \mathbf{l_{sa}} + \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - \mathrm{j_{sa}} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + \mathrm{j_{sa}} - \mathrm{s} = \mathbf{l_{sa}} \wedge$

$\mathrm{D} + \mathrm{j_{sa}} - \mathbf{n} < \mathbf{l_{sa}} \leq \mathrm{D} + \mathbf{l_s} + \mathrm{j_{sa}} - \mathbf{n} - 1 \wedge$

$\mathrm{D} \geq \mathbf{n} < \mathrm{n} \wedge \mathrm{I} = \mathrm{Q5;} > 0 \wedge$

$\mathrm{j_{sa}} \leq \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} = \mathrm{j_{sa}} - 1 \wedge \mathrm{j}_{\mathrm{sa}}^{\mathrm{s}} < \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}} - 1 \wedge$

$\mathbf{s}$: $\left\{\mathrm{j}_{\mathrm{sa}}^{\mathrm{s}}, \cdots, \mathbb{k}_1, \mathrm{j}_{\mathrm{sa}}^{\mathrm{ik}}, \mathbb{k}_2, \mathrm{j_{sa}}, \cdots, \mathrm{j}_{\mathrm{sa}}^{\mathrm{i}}\right\} \wedge$

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$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s\ ,j_{ik},j^{sa},j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+}^{\mathbf{l_s}+s-k} {}^{-D-j_{sa}}
$$

$$
\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}}^{(n_i-j_s+} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-}^{n_{is}+j_s} {}^{-\mathbb{k}_1}
$$

$$
(n_{ik}+j_{ik}-) \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i} \sum_{}^{\mathbf{n}-j_i+1}
$$

$$
\frac{(n_{is}-1)!}{(j_s-2)!\cdot(n_{is}-j_s+1)!}\cdot
$$

$$
\frac{(n_{is}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{ik}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j_{ik}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot
$$

$$
\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot
$$

$$
\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot
$$

$$
\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot
$$

$$
\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot
$$

$$
\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+
$$

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$$\sum_{k=1}^{{}_{\mathbf{i}}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_s}+s-k+}^{\mathbf{l_{sa}}+s-k-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}\ \mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}}$$

$$\sum_{(n_{sa}-\ j^{sa}+1)}^{(n_{ik}+j_{ik}\ \mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j}^{n_{sa}-j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_{is} - n_{ik} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j_{ik} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{\left(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=\ {}_{\mathbf{i}}\mathbf{l}} \sum_{(j_s=1)}^{(\ )}$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ {}_{\mathbf{i}}\mathbf{l}+1} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_{sa}}+s-\ {}_{\mathbf{i}}\mathbf{l}-j_{sa}+1}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_{sa}=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(\mathbf{n}-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+j_{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}-$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ )}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+\mathbf{l_{sa}}-\mathbf{l_i})}^{(\ )} \sum_{j_i=\mathbf{l_{sa}}+\mathbf{n}+s-D-j_{sa}}^{\mathbf{l_s}+s-k}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

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$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s -}$$

$$\frac{(D - \mathbf{l}$$

$$(D + j_i - \mathbf{n} - \mathbf{l_i} \cdot (\mathbf{n} - j_i)$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j$ $\wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge$ $+ j$ $- s =$ $\wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

$j_{sa} \leq j_{sa}^{i} - 1 \wedge j_{sa}^{ik} = j_{sa} - 1 \wedge j$ $^{ik} - 1 \wedge$

$\mathbf{s}: \left\{j_{sa}^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_2, j_{sa}, \cdot$ $_{sa}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z : z$ $2 \wedge \mathbb{k} = \mathbb{k}_1$ $\mathbb{k}_2 \Rightarrow$

$$ {}_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_s}+j_{sa}-k)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!}$$

$$\frac{-1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad j_s - k \quad)! \cdot (j_s - 2)!}$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l_s} - j_{sa}^{ik} \quad}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \quad - \mathbf{l_{ik}} \quad sa)!}{(j_{ik} \quad - j^{sa} - \mathbf{l_{ik}} \quad \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=\mathbf{l_s}+j_{sa}-k+1)}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

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$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_{i})!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_{s}-k+1)!\cdot(j_{s}-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{s}+1)!}{(j_{s}+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}-1)!\cdot(j_{ik}-j_{s}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-1)!}{(D+j_{i}-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_{i})!}+$$

$$\sum_{k=\ _{i}\mathbf{l}}^{(\ )}\sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _{i}\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-\ _{i}\mathbf{l}+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_{i}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)!\cdot(n_{i}-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_{s}-1)!}{(j_{i}-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_{s}-j_{i})!}\cdot$$

$$\frac{(n_{s}-1)!}{(n_{s}+j_{i}-\mathbf{n}-1)!\cdot(\mathbf{n}-j_{i})!}\cdot$$

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$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(\mathbf{l_{ik}} - j_{ik} - \mathbf{l_s} + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\sum_{k=}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}} \sum_{(j_s=j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+} \sum_{(j^{sa}=\mathbf{l_{sa}}+} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}^{+j_{sa}-k)}$$

$$\sum_{n_i=Q10;+Q5;} \sum_{=\mathbf{n}+\mathbb{k}-j_s} \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}^{(\quad)}$$

$$\sum_{(n_{sa}=n_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2 \cdot n_{is} + \mathbb{k}_2 - n_{ik} - j_{ik} - s - \mathbb{k} - Q5;)!}{(n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - Q5; - j_{sa}^{s})!} \cdot$$

$$\frac{1}{(\mathbf{n} + j_{sa}^{s} - j_s - s)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!}$$

$D \geq \quad n \wedge \mathbf{l_s} \leq D - \mathbf{n} + 1 \wedge$

$1 \leq j_s \leq j_{i} \quad j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} \quad j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq \mathbf{n} \wedge$

$\mathbf{l_{ik}} - j_{sa}^{ik} + 1 > \mathbf{l_s} \wedge \mathbf{l_{sa}} + j_{sa}^{ik} - j_{sa} > \mathbf{l_{ik}} \wedge \mathbf{l_i} + j_{sa} - s = \mathbf{l_{sa}} \wedge$

$D + j_{sa} - \mathbf{n} < \mathbf{l_{sa}} \leq D + \mathbf{l_s} + j_{sa} - \mathbf{n} - 1 \wedge$

$D \geq \mathbf{n} < n \wedge I = Q5; > 0 \wedge$

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$j_{sa} \le j^{i}_{sa} - 1 \wedge j^{ik}_{sa} = j_{sa} - 1 \wedge j^{s}_{sa} < j^{ik}_{sa} - 1 \wedge$

$\mathbf{s}: \left\{j^{s}_{sa}, \cdots, \mathbb{k}_1, j^{ik}_{sa}, \mathbb{k}_2, j_{sa}, \cdots, j^{i}_{sa}\right\} \wedge$

$s > 4 \wedge \mathbf{s} = s + Q5; \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \Rightarrow$

$$
{}_{fz}S^{DOSD}_{j_s, j_{ik}, j^{sa}, j_i} = \sum_{k=1}^{{}_{i}\mathbf{l}-1} \left(j_{ik} - j^{ik}_{sa}\right) \sum_{(j_s=2)} \cdots
$$

$$
\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{sa}}+\mathbf{n}+j^{ik}_{sa}-D-j_{sa}-1} \quad \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-1)} \cdots \; j_i=j^{sa}+\mathbf{l_i}
$$

$$
\sum_{n_i=Q5;}^{n} \sum_{(n_{is}-\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \cdots \; n_{ik}+j_s-j_{ik}-\mathbb{k}_1 \; \sum \cdots \; -j_{ik}+1
$$

$$
\sum_{j_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}-j^{sa}-\mathbb{k}_2)} \cdots \; \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}
$$

$$
\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot
$$

$$
\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot
$$

$$
\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot
$$

$$
\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{ik}} - \mathbf{l_s} - j^{ik}_{sa} + 1\right)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j^{ik}_{sa} + 1)!} \cdot
$$

$$
\frac{\left(\mathbf{l_{sa}} + j^{ik}_{sa} - \mathbf{l_{ik}} - j_{sa}\right)!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j^{ik}_{sa} - j_{ik} - j_{sa})!} \cdot
$$

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$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

$$\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+}^{(n_i-j_s+1)}\ \sum_{+1)\ n_{ik}=\mathbf{n}+\mathbb{k}_2}^{n_{is}+j_{ik}-\mathbb{k}_1}\ \sum_{+1}$$

$$\sum_{(n_{sa}=\mathbf{n}-}^{(n_{ik}+j_{ik}-\mathbb{k}_2)\ n_{sa}+j^{sa}-j_i}\ \sum_{\mathbf{n}-j_i+1}$$

$$\frac{(n_{is}-1)!}{(\quad-2)!\cdot(\quad-n_{is}-j_s+1)!}\cdot$$

$$\frac{(n_{is}-\quad-\mathbb{k}_1-1)!}{(j_{ik}-\quad-1)!\cdot(\quad+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(\quad-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot$$

$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(j_s+\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s})!\cdot(j_{ik}-j_s-j_{sa}^{ik}+1)!}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}+$$

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$$\sum_{k=1}^{{}_{i}\mathbf{l}-1} \sum_{(j_s=2)}^{(\mathbf{l_s}-k+1)}$$

$$\sum_{j_{ik}=\mathbf{l_s}+j_{sa}^{ik}-k+1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=}^{(n_{ik}+j_{ik}} \sum_{n_s=\mathbf{n}-j_i}^{n_s}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (\quad + j_s + 1)!} \cdot$$

$$\frac{n_s - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_i - n_{sa} - 1)!}{(j - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - \mathbf{l_s} - j_{sa}^{ik} + 1)!}{(j_s + \mathbf{l_{ik}} - j_{ik} - \mathbf{l_s})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + \mathbf{l_{sa}} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=}^{(\ )} {}_{i}\mathbf{l} \sum_{(j_s=1)}$$

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$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-\ _{i}\mathbf{l}+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\left(\mathbf{l_{sa}}-\ _{i}\mathbf{l}+1\right)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\ \sum_{(n}^{(n_{sa}+j^{sa}-j}$$

$$\frac{(n_i-n_{ik}-\ \ -1)!}{(j_{ik}-2)!\cdot(n_i\ \ n_{ik}-j_{ik}-\ \ +1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}\ \ -1)!}{(j^{sa}-j_{ik}\ \ )!\ \ +j_{ik}\ \ n_{sa}-j^{sa})!}\cdot$$

$$\frac{(\ \ -n_s-1)!}{(j_i-\ \ a-1)!\ \ _a+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s\ \ j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{\left(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1\right)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-j_{sa}^{ik})!}\cdot$$

$$\frac{\left(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa}\right)!}{(j_{ik}\ \ \mathbf{sa}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}\ -$$

$$\sum_{k=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\ \ )}$$

$$\sum_{j_{ik}=\mathbf{l_{sa}}+\mathbf{n}+j_{sa}^{ik}-D-j_{sa}}^{\mathbf{l_s}+j_{sa}^{ik}-k}\ \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\ \ )}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\ )} \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;\ )!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-\ )!}$$

$$\frac{(\mathbf{l_s}-k-\ )!}{(\mathbf{l_s}-j_s-k+1)!\ (j_s-2)!}$$

$$\frac{(D-\ )!}{(D+\ -\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{l}-j_i)!}$$

$D \geq \mathbf{n} < n \wedge \mathbf{l_s} \leq D-\mathbf{n}+1 \wedge$

$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$

$j_{ik}+j_{sa}-j_{sa}^{ik} \leq j^{sa} \leq j_i+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_{ik} < \mathbf{n} \wedge$

$\mathbf{l_{ik}}-j_{sa}^{ik}+1 > \mathbf{l_s} \wedge \mathbf{l_{sa}}+j_{sa}^{ik}-j_{sa} > \mathbf{l_{ik}} \wedge \ +j_{sa}-s=\mathbf{l}_{\ } \wedge$

$D+j_{sa}-\mathbf{n} < \mathbf{l_{sa}} \leq D+\mathbf{l_s}+j_{\ }-1 \wedge$

$D \geq \mathbf{n} < n \wedge I=Q5;>0$

$j_{sa} \leq j_{sa}^{i}-1 \wedge j_{sa}^{ik}=j_{sa}-1 \wedge j_{\ } \leq j_{sa}^{ik}-1 \wedge$

$\mathbf{s}: \left\{j_{s\ }^{s}, \cdots, \mathbb{k}_1, j_{sa}^{ik}, \mathbb{k}_{2\ }, \cdots, j_{sa}^{i}\right\} \wedge$

$s \leq 4 \wedge \mathbf{s}=s\ Q5;\wedge$

$\mathbb{k}_{z\ } = 2 \wedge \mathbb{k}=\mathbb{k}_1\ \mathbb{k}_2 \Rightarrow$

$$_{fz}S_{j_s\ ,j_{ik},j^{sa},j_i}^{DOSD}=\sum_{k=1}^{{}_{i}\mathbf{l}-1}\ \sum_{(j_s=2)}^{(\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa})}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}-k+1}\ \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{(\mathbf{l_{sa}}-k+1)}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)}\ \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

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$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!}$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_s + j^{sa} - n_s - j_i)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - j_i)!} \cdot$$

$$\frac{(\mathbf{l_s} - k - 1)!}{(\mathbf{l_s} - j_s - k + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} - j_s - j_{sa}^{ik} + 1)!}{(j_s - \mathbf{l_{ik}} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} - j_{sa}^{ik} - \mathbf{l_{ik}} - j_{sa})!}{(j_{ik} + j_{sa}^{ik} - j^{sa} - \mathbf{l_{ik}})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k=1}^{i\mathbf{l}-1} \sum_{(j_s=\mathbf{l_{sa}}+\mathbf{n}-D-j_{sa}+1)}^{(\mathbf{l_s}-k-1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\mathbf{l_{ik}}-k+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\mathbf{l_{sa}}-k+1)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}^{(n_i-j_s+1)} \sum_{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1}^{n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{sa}+j^{sa}-j_i}$$

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$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot$$

$$\frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - \quad)!} \cdot$$

$$\frac{(n_{sa} - n_s - 1)!}{(j_i - j^{sa} - 1)! \cdot (n_{sa} + j^{sa} \quad n_s - j_i)!} \cdot$$

$$\frac{\quad - 1)!}{(n_s + \quad - \mathbf{n} - 1) \quad - j_i)!} \cdot$$

$$\frac{(\quad - k - 1)!}{\quad - j_s - k \quad)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(\mathbf{l_{ik}} \quad \mathbf{l}_s - j_{sa}^{ik} \quad)}{(j_s + \mathbf{l_{ik}} \quad j_{ik} - \mathbf{l_s} \quad (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(\mathbf{l_{sa}} + \quad^{ik} - \mathbf{l_{ik}} - \quad sa)!}{(j_{ik} \quad \quad a - j^{sa} - \mathbf{l_{ik}} \quad \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - \mathbf{l_i})!}{(D + j_i - \mathbf{n} - \mathbf{l_i})! \cdot (\mathbf{n} - j_i)!} +$$

$$\sum_{k= \quad \mathbf{i}\mathbf{l}}^{(\quad)} \sum_{(j_s=1)}$$

$$\sum_{j_{ik}=\mathbf{l_{ik}}+\mathbf{n}-D}^{\mathbf{l_{ik}}- \quad \mathbf{i}\mathbf{l}+1} \sum_{(j^{sa}=\mathbf{l_{sa}}+\mathbf{n}-D)}^{\left(\mathbf{l_{sa}}- \quad \mathbf{i}\mathbf{l}+1\right)} \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=Q10;+Q5;}^{n} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)}$$

$$\sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{(n_s=\mathbf{n}-j_i+1)}^{(n_{sa}+j^{sa}-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot$$

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$$\frac{(n_{sa}-n_s-1)!}{(j_i-j^{sa}-1)!\cdot(n_{sa}+j^{sa}-n_s-j_i)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!}\cdot$$

$$\frac{(\mathbf{l_{ik}}-\mathbf{l_s}-j_{sa}^{ik}+1)!}{(\mathbf{l_{ik}}-j_{ik}-\mathbf{l_s}+1)!\cdot(j_{ik}-}\cdot$$

$$\frac{(\mathbf{l_{sa}}+j_{sa}^{ik}-\mathbf{l_{ik}}-j_{sa})!}{(j_{ik}+\mathbf{l_{sa}}-j^{sa}-\mathbf{l_{ik}})!\cdot(j^{sa}+j_{sa}^{ik}-\quad k}-j_{sa})!}$$

$$\frac{(\quad)!}{(D+j_{\quad}-\mathbf{n}-\mathbf{l_i})!\cdot(\quad j_i)!}-$$

$$\sum_{s=1}^{D+\mathbf{l_s}+s-\mathbf{n}-\mathbf{l_i}}\ \sum_{k=0}^{(\mathbf{l_s}-k-1)}\ \sum_{j_{sa}=\quad}^{\quad -j_{sa}+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\quad=j_{ik}+j_{sa}-j_{sa}^{ik})}\ \sum_{j_i=j^{sa}+\mathbf{l_i}-\mathbf{l_{sa}}}$$

$$\sum_{n_i=10;+Q5;}^{(n_i-\quad 1)}\ \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+1)}\ \sum_{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}$$

$$\sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\quad)}\ \sum_{n_s=n_{sa}+j^{sa}-j_i}$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-\mathbb{k}-\ Q5;)!}{n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\mathbf{n}-\mathbb{k}-\ Q5;-j_{sa}^{s})!}\cdot$$

$$\frac{1}{(\mathbf{n}+j_{sa}^{s}-j_s-s)!}\cdot$$

$$\frac{(\mathbf{l_s}-k-1)!}{(\mathbf{l_s}-j_s-k+1)!\cdot(j_s-2)!}\cdot$$

$$\frac{(D-\mathbf{l_i})!}{(D+j_i-\mathbf{n}-\mathbf{l_i})!\cdot(\mathbf{n}-j_i)!}$$

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DİZİN

B

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.1.1.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.1.2.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.2.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.3.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.3.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.1.1.1/2
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.1.1/228
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.1.1/290
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.1.2.1/203
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.2.1/228
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.2.1/290
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bir bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.3.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.3.1/22
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.3.1/290
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.4.1.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.4.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.4.1.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.4.2.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.4.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.4.2.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.4.3.1/3
toplam düzgün simetrik olasılık, 2.3.1.2.1.4.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.4.3.1/4
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.1.1.1.1/207
toplam düzgün simetrik olasılık, 2.3.1.2.1.1.1.1/236

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toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.1.1/296-297

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.1.1.2.1/207

toplam düzgün simetrik olasılık, 2.3.1.2.1.1.2.1/236

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.2.1/296-297

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bir bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.1.1.3.1/207

toplam düzgün simetrik olasılık, 2.3.1.2.1.1.3.1/236

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.3.1/296-297

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.1.6.1.1/3

toplam düzgün simetrik olasılık, 2.3.1.2.1.6.1.1/3

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.6.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.1.6.2.1/3

toplam düzgün simetrik olasılık, 2.3.1.2.1.6.2.1/3

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.6.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.1.6.3.1/3

toplam düzgün simetrik olasılık, 2.3.1.2.1.6.3.1/3

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.6.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin durumuna bağlı

simetrik olasılık, 2.3.1.1.1.1.1.1/105

toplam düzgün simetrik olasılık, 2.3.1.2.1.1.1.1/85

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.1.1/150-151

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin durumuna bağlı

simetrik olasılık, 2.3.1.1.1.1.3.1/105

toplam düzgün simetrik olasılık, 2.3.1.2.1.1.3.1/85

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.1.3.1/150-151

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin durumuna bağlı

simetrik olasılık, 2.3.1.1.1.6.1.1/105

toplam düzgün simetrik olasılık, 2.3.1.2.1.6.1.1/85

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.1.6.1.1/150-151

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.2.1.1.1/4

toplam düzgün simetrik olasılık, 2.3.1.2.2.1.1.1/3

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.1.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.2.1.2.1/4

toplam düzgün simetrik olasılık, 2.3.1.2.2.1.2.1/3

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.1.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.2.1.3.1/4

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toplam düzgün simetrik olasılık, 2.3.1.2.2.1.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.1.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.2.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.2.2.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.2.1.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.2.2.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.2.2.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.2.2.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.2.3.1/3-4
toplam düzgün simetrik olasılık, 2.3.1.2.2.2.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.2.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.4.1.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.4.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.4.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.4.2.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.4.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.4.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.4.3.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.4.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.4.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.6.1.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.6.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.6.1.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.6.2.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.6.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.6.2.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.6.3.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.2.6.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.6.3.1/4

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.7.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.2.7.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.7.1.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.7.2.1/5

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toplam düzgün simetrik olasılık, 2.3.1.2.2.7.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.7.2.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.2.7.3.1/3-4
toplam düzgün simetrik olasılık, 2.3.1.2.2.7.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.2.7.3.1/5

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.1.1.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.3.1.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.1.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.1.2.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.3.1.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.1.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.1.3.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.3.1.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.1.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.2.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.3.2.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.2.1.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.2.2.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.3.2.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.2.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.3.2.3.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.3.2.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.3.2.3.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin herhangi iki durumuna bağlı
simetrik olasılık, 2.3.1.1.4.1.1.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.4.1.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.4.1.1.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin herhangi iki durumuna bağlı
simetrik olasılık, 2.3.1.1.4.1.2.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.4.1.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.4.1.2.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin herhangi iki durumuna bağlı
simetrik olasılık, 2.3.1.1.4.1.3.1/4
toplam düzgün simetrik olasılık, 2.3.1.2.4.1.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.4.1.3.1/5-6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin her durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.4.1.1.1/838

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız

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simetrinin her durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.4.1.2.1/838
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin her durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.4.1.3.1/838
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.1.1.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.5.1.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.1.1.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.1.2.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.5.1.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.1.2.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.1.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.5.1.3.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.1.3.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.2.1.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.5.2.1.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.2.1.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.2.2.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.5.2.2.1/3
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.2.2.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.5.2.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.5.2.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.5.2.3.1/7-8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
simetrik olasılık, 2.3.1.1.8.1.1.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.1.1.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
simetrik olasılık, 2.3.1.1.8.1.2.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.1.2.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
simetrik olasılık, 2.3.1.1.8.1.3.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.1.3.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
simetrik olasılık, 2.3.1.1.8.2.1.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.2.1.1/13
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı

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simetrik olasılık, 2.3.1.1.8.2.2.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.2.2.1/13

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı
simetrik olasılık, 2.3.1.1.8.2.3.1/8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.8.2.3.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.1.1.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.1.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.1.1.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.1.2.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.1.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.1.2.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.1.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.1.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.1.3.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.2.1.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.6.2.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.2.1.1/9

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.2.2.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.6.2.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.2.2.1/9

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.2.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.2.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.2.3.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.4.1.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.4.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.4.1.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.4.2.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.4.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.4.2.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.4.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.4.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.4.3.1/6

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.6.1.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.6.1.1/3-4

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toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.6.1.1/6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.6.2.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.6.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.6.2.1/6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.6.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.6.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.6.3.1/6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.7.1.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.6.7.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.7.1.1/6
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.7.2.1/6
toplam düzgün simetrik olasılık, 2.3.1.2.6.7.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.7.2.1/9
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.6.7.3.1/4-5
toplam düzgün simetrik olasılık, 2.3.1.2.6.7.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.6.7.3.1/6
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
simetrik olasılık, 2.3.1.1.9.1.1.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.1.1.1/8
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
simetrik olasılık, 2.3.1.1.9.1.2.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.1.2.1/8
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
simetrik olasılık, 2.3.1.1.9.1.3.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.1.3.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı
simetrik olasılık, 2.3.1.1.9.2.1.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.2.1.1/13
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
simetrik olasılık, 2.3.1.1.9.2.2.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.2.2.1/13
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
simetrik olasılık, 2.3.1.1.9.2.3.1/8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.2.3.1/8
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

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simetrik olasılık, 2.3.1.1.9.4.1.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.4.1.1/13

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

simetrik olasılık, 2.3.1.1.9.4.2.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.4.2.1/13

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

simetrik olasılık, 2.3.1.1.9.4.3.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.4.3.1/13

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

simetrik olasılık, 2.3.1.1.9.5.1.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.5.1.1/13

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

simetrik olasılık, 2.3.1.1.9.6.2.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.6.2.1/13

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

simetrik olasılık, 2.3.1.1.9.6.3.1/7-8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.6.3.1/13

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

simetrik olasılık, 2.3.1.1.9.7.1.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.7.1.1/13

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

simetrik olasılık, 2.3.1.1.9.7.2.1/12
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.7.2.1/13

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

simetrik olasılık, 2.3.1.1.9.7.3.1/8
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.9.7.3.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.7.1.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.1.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.1.1.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.7.1.2.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.1.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.1.2.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.7.1.3.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.1.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.1.3.1/8

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre

simetrik olasılık, 2.3.1.1.7.2.1.1/7

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toplam düzgün simetrik olasılık, 2.3.1.2.7.2.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.2.1.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.2.2.1/7
toplam düzgün simetrik olasılık, 2.3.1.2.7.2.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.2.2.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.2.3.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.2.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.2.3.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.4.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.4.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.4.1.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.4.2.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.4.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.4.2.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bir bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.4.3.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.4.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.4.3.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.6.1.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.6.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.6.1.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.6.2.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.6.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.6.2.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.6.3.1/5
toplam düzgün simetrik olasılık, 2.3.1.2.7.6.3.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.6.3.1/8
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.7.1.1/7
toplam düzgün simetrik olasılık, 2.3.1.2.7.7.1.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.7.1.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.7.2.1/7
toplam düzgün simetrik olasılık, 2.3.1.2.7.7.2.1/3-4
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.7.2.1/12
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre
simetrik olasılık, 2.3.1.1.7.7.3.1/5

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toplam düzgün simetrik olasılık, 2.3.1.2.7.7.3.1/3-4

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.7.7.3.1/8

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

simetrik olasılık, 2.3.1.1.10.1.1.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.1.1.1/13

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

simetrik olasılık, 2.3.1.1.10.1.2.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.1.2.1/13

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

simetrik olasılık, 2.3.1.1.10.1.3.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.1.3.1/13

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

simetrik olasılık, 2.3.1.1.10.2.1.1/12

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.2.1.1/23

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

simetrik olasılık, 2.3.1.1.10.2.2.1/22

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.2.2.1/23

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

simetrik olasılık, 2.3.1.1.10.2.3.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.2.3.1/13

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

simetrik olasılık, 2.3.1.1.10.4.1.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.4.1.1/23

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

simetrik olasılık, 2.3.1.1.10.4.2.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.4.2.1/23

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

simetrik olasılık, 2.3.1.1.10.4.3.1/12-13

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.4.3.1/23

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

simetrik olasılık, 2.3.1.1.10.6.1.1/12-13 toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.6.1.1/23

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

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simetrik olasılık, 2.3.1.1.10.6.2.1/12-13
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.6.2.1/23
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
simetrik olasılık, 2.3.1.1.10.6.3.1/12-13
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.6.3.1/23
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
simetrik olasılık, 2.3.1.1.10.7.1.1/22
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.7.1.1/23
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
simetrik olasılık, 2.3.1.1.10.7.2.1/22
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.7.2.1/23
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
simetrik olasılık, 2.3.1.1.10.7.3.1/12-13
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.10.7.3.1/13
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
simetrik olasılık, 2.3.1.1.11.1.1.1/16
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.1.1.1/17
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
simetrik olasılık, 2.3.1.1.11.1.2.1/16
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.1.2.1/17
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
simetrik olasılık, 2.3.1.1.11.1.3.1/16
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.1.3.1/17
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
simetrik olasılık, 2.3.1.1.11.2.1.1/29
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.2.1.1/30
Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımsız-bağımlı durumlu bağımsız simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı
simetrik olasılık, 2.3.1.1.11.2.2.1/29
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.2.2.1/30
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
simetrik olasılık, 2.3.1.1.11.2.3.1/16
toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.2.3.1/17
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

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simetrik olasılık, 2.3.1.1.11.4.1.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.1.1/30

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

simetrik olasılık, 2.3.1.1.11.4.2.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.2.1/30

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

simetrik olasılık, 2.3.1.1.11.4.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.4.3.1/30

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

simetrik olasılık, 2.3.1.1.11.6.1.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.1.1/30

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

simetrik olasılık, 2.3.1.1.11.6.2.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.2.1/30

Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı-bağımsız durumlu bağımlı simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı

simetrik olasılık, 2.3.1.1.11.6.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.6.3.1/30

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

simetrik olasılık, 2.3.1.1.11.7.1.1/29

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.1.1/30

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

simetrik olasılık, 2.3.1.1.11.7.2.1/29

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.2.1/30

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

simetrik olasılık, 2.3.1.1.11.7.3.1/16

toplam düzgün olmayan simetrik olasılık, 2.3.1.3.11.7.3.1/17

GÜDÜMYA

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 dağılımlarında, simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre toplam düzgün olmayan simetrik olasılığın, tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz bağımlı durumlu[illegible]inin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre toplam düzgün olma[illegible]n sim[illegible]ik olasılık kitabında, bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz da[illegible]lımlarda, simetrin[illegible] ilk herhangi iki ve son durumunun bulunabileceği olaylara göre topla[illegible] düzgün [illegible]mayan simetrik olasılığın, tanım ve eşitlikleri verilmektedir.

VDOİHİ'nin diğer ciltlerinde olduğu gibi bu ciltte de [illegible]rilen ana [illegible]likler, ola[illegible]lık tablolarından elde edilen verilerle üretilmiştir. Diğer eşitlikler[illegible]e ana eşitlik[illegible]den teorik yöntemle üretilmiştir. Eşitlik ve tanımların üretilmesi[illegible]dış kaynak[illegible]llanılmamıştır.

GÜLDÜNYA